LIBRARY

County of Lincoln - Parts of Lindsey.

MINISTRY OF HEALTH LIBRARY

ANNUAL REPORT

OF THE

County Medical Officer of Health

FOR THE YEAR

1939.

W. S. H. CAMPBELL, M.B., Ch.B., D.P.H.,
County Medical Officer of Health.

Roberts & Jackson, Ltd., Printers, Maude Street, Grimsby.

County of Lincoln - Parts of Lindsey.

ANNUAL REPORT

OF THE

County Medical Officer of Health

FOR THE YEAR

1939.

W. S. H. CAMPBELL, M.B., Ch.B., D.P.H.,
County Medical Officer of Health.

CONTENTS.

	PAGE
Staff	3
District Medical Officers of Health	7
General Statistics	8
Vital Statistics	9
General Provision of Health Services	22
Sanitary Circumstances of the Area	24
Inspection and Supervision of Food	28
Infectious Diseases	31
Public Vaccination	34
Tuberculosis	38
Venereal Diseases	50
Cancer	52
Maternity and Child Welfare	52
Orthopædics	60
General Hospital Treatment	63
Blind Persons	63
Mental Deficiency Acts, 1913-27	66
Mental Treatment Act, 1930	66

PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

(*a*) *Whole-time*

County Medical Officer of Health :—

W. S. H. Campbell, M.B., Ch.B., D.P.H.

Deputy County Medical Officer of Health :—

H. G. H. Butcher, B.A., L.R.C.P., M.R.C.S., D.P.H. (Appointed 1–2–39).

Assistant County Medical Officers :—

John C. Macartney, M.D., D.P.H.

Chas. N. Faith (Temp.), M.B., B.S., M.R.C.S., L.R.C.P., D.P.H. (Appointed 16–10–39).

Ralph J. R. Mecredy (Temp.), B.A., B.Ch., B.A.O., M.B., D.P.H. (Appointed 30–9–39).

Lt.-Col. Fredk. Harvey (Temp.), M.R.C.S., L.R.C.P., D.P.H. (Appointed 2–10–39).

Kathleen A. Wilson, M.B., Ch.B., B.A.O., D.P.H. (Appointed 27–11–39).

William J. Kerrigan, M.B., Ch.B., B.A.O., L.M., D.P.H.

William Hartston, M.D., B.S., M.R.C.P., D.P.H.

Gerald M. Tyrrell, M.B., B.Ch., D.P.H. (Resigned 31–8–39).

George Holroyd, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H.

George A. W. Neill. M.D., B.Ch., B.A.O., D.P.H. (Military Service).

Annie C. Easterbrook, M.B., Ch.B., D.P.H. (Resigned 30–11–39).

Eva M. Gray, M.B., Ch.B., D.A., D.P.H.

Barbara M. G. Taylor, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H.

D. H. Williams, M.R.C.S., L.R.C.P., D.P.H., Resident Medical Officer, Branston Hall Sanatorium.

Neville J. Nicholson, M.B., Ch.B., F.R.C.S., Medical Superintendent, Louth County Infirmary.

John W. Clark, L.R.C.S., L.R.C.P., Resident Medical Officer, Louth County Infirmary. (Duties terminated 31–12–39).

Dental Surgeons :—

Henry Kinnear Ovey, L.D.S.

George H. Tapper, L.D.S.

A. Patricia Ryan, B.D.S., L.D.S. (Resigned 31–5–39).

F. Elfric Padgett, L.D.S., R.C.S.

John E. Sprunt, L.D.S., R.C.S., L.R.C.P., L.R.C.S., L.R.F.P. & S. (Appointed 15–5–39).

County Sanitary Inspector :—

C. C. Orwin, M.R.S.I., M.S.I.A.

Superintendent Health Visitor and Inspector of Midwives :—

Miss C. M. Reynolds, S.R.N., S.C.M. (Retired 9–7–39).

Miss M. Evans, S.R.N., C.M.B. (Appointed 5–6–39).

Health Visitors :—

Miss E. Jenkinson	Miss L. Townshend
,, V. Walker	,, G. Fairhead
,, C. Clark	,, E. Buckley
,, F. Herbert	,, N. Hinch
,, A. Green	,, F. Hudson
,, L. Langton	,, L. Maley (Resigned 18.10.39)
,, V. Rogers	,, E. Maw
,, E. Clarke	,, A. S. Woolford
Mrs. J. Shepherd	,, G. Gilsenan
Miss H. Fisher	,, D. Walker
,, L. Rose	,, N. Anderson
Mrs. S. Turner	,, S. M. Chalmers
Miss E. N. Smith	,, N. Duffill
,, M. Pound	,, M. Fraser
,, M. Bintcliffe	,, E. Heslop (Resigned 31.5.39)
,, G. Overton	,, E. Jarvis (Resigned 16.12.39)
Mrs. F. Bull	,, N. Fox (Appointed 11.12.39)
Miss M. Taylor	,, H. Carter (Appointed 18.9.39)
,, K. Harrison	

Infectious Diseases Nurses :—

Miss W. Lawrence	Miss E. Jones (part-time)
,, G. A. M. Hennessy	

Orthopaedic Nurses :—

Miss B. I. Bausor	Mrs. D. Kuttner (née Pritchard)

County Midwives :—

Miss K. Berry
Mrs. M. Pieroni
Mrs. E. M. Theaker
Mrs. C. Whatmore

Dental Attendants :—

Miss R. White
Miss I. Wilson
Mrs. J. Briggs
Miss N. M. Badley

Summary of Staff Employed in Public Health Institutions.

(not included in above)

Institution.	*Nursing*	*Domestic*	*Others*
Branston Hall Sanatorium ...	12	10	15
Brumby Isolation Hospital ..	11	13	4
Cleethorpes Maternity Home ..	7	4	1
Gainsborough Maternity Home	6	4	—
Louth Tuberculosis Hospital ..	3	3	1
Scunthorpe Maternity Home ..	17	7	1
Louth County Infirmary ..	31	25	26
Brigg County Infirmary ..	8	2	4

Chief Clerk :—

Horace Lee

(*b*) *Other Officers discharging duties for the Authority :—*

Consultants :—

Maternity and Child Welfare :—

L. P. Stephen, M.B., F.R.C.S.E.
W. M. Shepherd, M.D., F.R.C.S.E.
F. H. Rotherham, M.B., L.S.A.
R. E. M. Pilcher, F.R.C.S.E.
G. A. B. Walters, F.R.C.S. Ed.
H. C. Barlow, M.B., M.R.C.S.
G. C. Wells-Cole, M.A., B.Ch.
C. R. MacDonald, M.B., Ch.B., F.R.C.S.E., M.R.C.O.G.

Ophthalmic :—

C. F. Eminson, M.R.C.S., L.R.C.P., D.O.M.S.
T. H. Cresswell, M.R.C.S., L.R.C.P., D.O. (Oxon.)
W. Gordon Davidson, M.B., Ch.B., D.O.M.S.
H. Sugden Vivian, M.B., B.S., M.R.C.S., L.R.C.P., D.O.M.S.
Allan H. Briggs, M.Sc., M.B., Ch.B., D.O.M.S.
William A. Briggs, M.B., B.Chir., D.O.M.S.

Ear, Nose and Throat Diseases :—

J. J. Rainforth, F.R.C.S. (Eng.)

Venereal Diseases :—

D. J. Campbell, L.R.C.P. & S., L.D.S.R.C.S., D.P.H., R.C.S. M.R.C.P. (Military Service -12–39).

P. S. Silver, M.R.C.S., L.R.C.P. (Temp.) (Appointed 14–12–39).

Orthopædic Surgeon :—

Edward Jocelyn Bilcliffe, F.R.C.S., Ed.

Public Analyst :—

Alexander H. M. Muter, F.I.C., F.C.S.

Medical Officer (Part-time) Brigg County Infirmary :—

R. E. Holme, M.B., B.S. (Military Service 29–8–39).

Harvey Gardner, M.R.C.S., L.R.C.P. (Temp). (Appointed 30–8–39).

Medical Officers employed under the Public Assistance Committee :—

(*a*) *in Institutions :—*

Brigg	R. E. Holme, M.B., B.S. (Military Service 29–8–39) H. Gardner, M.R.C.S., L.R.C.P. (Temp.) (Appointed 30–8–39).
Gainsborough ..	N. Moxon, L.R.C.P., L.R.C.S.
Spilsby	L. T. Dean, M.B., B.Ch., M.R.C.S.
Horncastle Children's Homes ..	J. V. Buchanan, M.B., Ch.B.

(*b*) *as District Medical Officers :—*

There are 39 District Medical Officers employed in 45 districts in the County. There are in addition 53 Medical Officers serving on the panel formed under the Council's New Scheme for the domiciliary treatment of public assistance patients.

District Medical Officers of Health.

District.	Name.	Qualifications.	Address.
URBAN.			
Alford	G. A. Bosson	M.B., M.R.C.S., L.R.C.P.	Hanby Hall, Alford
Barton	F. P. H. Birtwhistle	M.D., M.B., CH.B.	Priestgate, Barton-on-Humber
Brigg	F. J. O. King	B.A., M.B., B.CH., B.A.O.	53 Bridge Street, Brigg
Cleethorpes Borough ..	G. Holroyd	M.R.C.S. ENG., L.R.C.P. LOND., D.P.H.	Health Dept., Council Offices, Cleethorpes.
Gainsborough	J. A. Hackett	M.B., CH.B. ..	Health Dept., Council Offices, Lord St., Gainsboro'
*Horncastle	W. E. Henderson (Temp.)	M.A., M.B., CH.B., D.P.H.	Council Offices, Horncastle
Louth Borough	W. J. Kerrigan	M.B., CH.B., B.A.O., D.P.H.	Health Dept., Town Hall, Louth.
Mablethorpe and Sutton ..	W. J. Kerrigan	M.B., CH.B., B.A.O., D.P.H.	Council Offices, Mablethorpe.
Market Rasen	D. F. Torrens	B.A., M.B., B.CH., B.A.O., D.P.H.	Conway House, Market Rasen
Scunthorpe Borough ..	W. Hartston	M.D., B.S., M.R.C.P., D.P.H.	HealthDept.,Council Offices, Scunthorpe, Lincs.
Skegness	A. D. F. Menzies	M.B., CH.B. ..	Health Dept., Town Hall, Skegness
*Woodhall Spa	W. E. Henderson (Temp.)	M.A., M.B., CH.B., D.P.H.	Council Offices, Horncastle.
RURAL.			
Glanford Brigg	F. J. O. King	B.A., M.B., B.CH., B.A.O.	53 Bridge Street, Brigg
Caistor	A. Fraser	M.B., C.M.	Caistor, Lincs.
Gainsborough	H. B. Willoughby-Smith	M.B., F.R.C.S., L.R.C.P.	Caskgate Street, Gainsborough
Grimsby	G. Holroyd	M.R.C.S.ENG., L.R.C.P. LOND., D.P.H.	Health Dept., Council Offices, Deansgate, Grimsby
*Horncastle	W. E. Henderson (Temp.)	M.A., M.B., CH.B., D.P.H.	Council Offices, Horncastle
Isle of Axholme	A. M. Macgregor	M.B., CH.B.	Epworth, Doncaster
Louth	W. J. Wilkinson	M.R.C.S., L.R.C.P. ..	Binbrook, Lincoln
Spilsby	F. J. Walker, C.B.E.	M.D., L.S.SC. ..	"Avenue House." Spilsby.
Welton	W. Sharrard	M.B., CH.B. .. .	"Elmhurst," The Avenue, Lincoln

* Dr. G. A. W. Neill, M.D., B.CH., B.A.O., D.P.H., on Military Service.

GENERAL STATISTICS.

Area of Administrative County	961,305 acres
Population at 1931 census	263,478
Registrar-General's estimated mid-year population .. .. (for Birth Rate)	275,800
,, .. (for Death Rate)	277,400
Number of inhabited houses (census 1931) ..	66,654
Number of separate families or occupiers (census 1931)	68,121
Average number of persons per house (census 1931)	3·39
Rateable value on 1st April, 1939	£1,219,188
Product of a penny rate (Estimated 1939-40)	£4,766

SANITARY DISTRICTS :—		*Population (Estimated Mid-year)*
Municipal Boroughs ..	3	82,440
Urban Districts ..	9	51,660
Rural Districts ..	9	143,300

VITAL STATISTICS.

Births.

LIVE BIRTHS, 1939

Districts	Total Births	Legitimate		Illegitimate		Birth Rate
		Male	Female	Male	Female	
URBAN						
Alford	25	15	9	—	1	11·36
Barton-on-Humber	110	51	55	2	2	17·95
Brigg	50	27	22	1	—	11·55
CleethorpesBorough	404	186	200	10	8	14·13
Gainsborough ..	233	99	114	10	10	13·71
Horncastle	40	14	25	1	—	11·69
Louth Borough ..	140	60	70	5	5	14·05
Mablethorpe ..	43	19	22	1	1	9·41
Market Rasen ..	34	17	15	—	2	16·77
Scunthorpe Borough	923	466	413	24	20	21·31
Skegness	142	66	61	8	7	13·86
Woodhall Spa ..	13	7	6	—	—	8·81
Aggregate Urban Districts	2157	1027	1012	62	56	16·20
RURAL						
Glanford Brigg ..	530	263	235	18	14	17·34
Caistor	173	76	87	6	4	14·34
Gainsborough ..	165	73	82	4	6	15·89
Grimsby	172	74	82	8	8	14·56
Horncastle	174	83	84	3	4	15·71
Isle of Axholme ..	202	95	91	7	9	15·51
Louth	223	108	107	5	3	12·62
Spilsby	367	192	150	15	10	15·71
Welton	202	99	95	3	5	15·80
Aggregate Rural Districts	2208	1063	1013	69	63	15·47
Whole County ..	4365	2090	2025	131	119	15·82

STILL-BIRTHS, 1939

Districts	Legitimate		Illegitimate		Total	Rate per 1000 total births
	Male	Female	Male	Female		
URBAN						
Alford	2	—	—	—	2	74·07
Barton-on-Humber	2	1	—	1	4	35·08
Brigg	—	1	—	—	1	19·61
Cleethorpes Borough	7	10	1	2	20	47·17
Gainsborough ..	6	4	—	—	10	41·15
Horncastle	—	—	—	—	—	—
Louth Borough ..	4	3	—	—	7	47·62
Mablethorpe and Sutton	—	1	1	—	2	44·44
Market Rasen ..	—	—	—	—	—	—
Scunthorpe Borough	16	15	—	1	32	33·51
Skegness	3	1	—	—	4	27·38
Woodhall Spa ..	—	—	—	—	—	—
Aggregate Urban Districts	40	36	2	4	82	36·62
RURAL						
Glanford Brigg ..	12	12	—	2	26	46·76
Caistor	3	5	—	—	8	44·19
Gainsborough ..	4	3	—	—	7	40·69
Grimsby	4	2	—	—	6	33·70
Horncastle	4	1	—	—	5	27·93
Isle of Axholme ..	4	2	—	1	7	33·49
Louth	2	1	1	—	4	17·62
Spilsby	4	4	1	1	10	26·52
Welton	4	2	—	—	6	28·84
Aggregate Rural Districts	41	32	2	4	79	34·54
Whole County ..	81	68	4	8	161	35·57

Table showing the Birth Rate in the Administrative County and in England and Wales for the years 1918-1939.

Year	Urban Districts		Rural Districts		Administrative County		Rate in England and Wales
	No. of Births	Rate	No. of Births	Rate	No. of Births	Rate	
1918	2001	18·6	2824	19·26	4825	19·25	17·7
1919	2057	18·77	2667	19·33	4724	19·08	18·5
1920	3045	26·22	3211	24·51	6256	25·72	25·5
1921	2876	24·54	3038	22·46	5914	24·22	22·4
1922	2590	21·86	2798	20·49	5379	21·13	20·6
1923	2461	20·61	2760	20·1	5221	20·33	19·7
1924	2363	19·65	2771	19·83	5134	19·75	18·8
1925	2294	18·7	2609	18·9	4903	18·83	18·3
1926	2222	17·77	2600	19·03	4822	18·43	17·8
1927	2076	16·46	2498	18·3	4574	17·41	16·7
1928	2114	16·98	2493	18·51	4607	17·77	16·7
1929	2099	16·75	2387	17·85	4486	17·32	16·3
1930	2185	17·43	2310	17·27	4495	17·35	16·3
1931	2052	16·12	2275	16·94	4327	16·54	15·8
1932	2020	15·57	2237	16·56	4257	16·08	15·3
1933	1911	14·68	2126	15·69	4037	15·19	14·4
1934	2002	15·25	2120	15·64	4122	15·45	14·8
1935	2129	16·08	2139	15·78	4268	15·93	14·7
1936	1967	15·27	2217	15·75	4184	15·53	14·8
1937	2053	15·78	2193	15·6	4246	15·68	14·9
1938	2098	15·94	2198	15·63	4296	15·78	15·1
1939	2157	16·20	2208	15·47	4365	15·82	15·0

DEATHS.

Death Rates Urban and Rural Districts.

District	Crude Death Rate.	Comparability Factor.	Corrected Death Rate
URBAN			
Alford	15·39	·65	10·0
Barton-on-Humber ..	10·34	·95	9·82
Brigg	13·78	·88	12·12
Cleethorpes Borough ..	10·88	1·08	11·75
Gainsborough	14·69	·94	13·80
Horncastle	17·00	·68	11·56
Louth Borough ..	15·21	·75	11·40
Mablethorpe and Sutton	15·19	·76	11·54
Market Rasen	12·50	·68	8·50
Scunthorpe Borough ..	8·83	1·28	11·30
Skegness	12·12	·97	11·75
Woodhall Spa	21·61	·62	13·39
RURAL			
Glanford Brigg	11·91	·93	11·07
Caistor	14·72	·79	11·62
Gainsborough	11·35	·82	9·30
Grimsby	9·56	1·0	9·56
Horncastle	13·16	·77	10·13
Isle of Axholme ..	13·08	·86	11·24
Louth	13·28	·78	10·35
Spilsby	11·41	·79	9·17
Welton	12·23	·83	10·15

The relative importance of the principal certified causes of death :—

	Number of Deaths	*Percentage of total Deaths*	*Death rate per* 10,000 *of population*
Disease of Heart ..	883	26·50	31·83
Cancer	461	13·83	16·61
Disease of the Respiratory System (excluding tuberculosis)	240	7·20	8·65
Cerebral Hæmorrhage	223	6·61	8·03
Tuberculosis (all forms)	141	4·23	5·08

Deaths and Death Rates (all causes), 1918-1939.

Year	Boroughs and Urban Districts		Rural Districts		Administrative County		Death Rate for England and Wales
	No. of Deaths	Rate per 1000 populat'n	No. of Deaths	Rate per 1000 populat'n	No. of Deaths	Rate per 1000 populat'n	
1918	1646	17·14	2142	15·60	3788	16·70	17·6
1919	1441	13·69	1868	14·11	3309	13·92	13·7
1920	1478	12·73	1627	12·42	3105	12·56	12·4
1921	1353	11·54	1628	12·37	2981	11·81	12·1
1922	1525	12·87	1753	12·88	3278	12·88	12·8
1923	1336	11·19	1609	11·72	2945	11·47	11·6
1924	1430	11·89	1648	11·79	3078	11·84	12·2
1925	1345	11·99	1629	11·79	2974	11·41	12·2
1926	1324	10·59	1634	11·96	2958	11·31	11·6
1927	1522	12·07	1777	13·02	3299	12·56	12·3
1928	1258	10·11	1468	10·89	2726	10·51	11·7
1929	1620	12·92	1751	13·09	3371	13·01	13·4
1930	1445	11·53	1606	12·01	3051	11·77	11·4
1931	1559	12·24	1632	12·15	3191	12·19	12·3
1932	1535	11·83	1774	13·14	3309	12·5	12·0
1933	1559	11·97	1652	12·19	3211	12·09	12·3
1934	1441	10·97	1604	11·86	3045	11·41	11·8
1935	1500	11·32	1594	11·76	3094	11·55	11·7
1936	1509	11·71	1743	12·39	3252	12·07	12·1
1937	1565	12·02	2193	12·16	3276	12·10	12·4
1938	1567	11·91	1627	11·57	3194	11·73	11·6
1939	1571	11·68	1761	12·28	3332	12·01	12·1

Deaths from Heart Disease, 1927-39.

Year	Administrative County						Death Rate for England and Wales
	Number of Deaths			Death Rate per 1000 of the Population			
	Boroughs and Urban Districts	Rural Districts	County	Boroughs and Urban Districts	Rural Districts	County	
1927	202	269	471	1·60	1·97	1·79	1·83
1928	204	267	471	1·63	1·98	1·81	1·95
1929	244	317	561	1·94	2·36	2·16	2·44
1930	271	339	610	2·1	2·5	2·3	2·26
1931	271	347	618	2·13	2·58	2·36	2·53
1932	298	383	681	2·29	2·83	2·57	2·56
1933	301	339	640	2·31	2·50	2·41	2·69
1934	313	360	673	2·38	2·65	2·52	2·69
1935	344	399	743	2·60	2·94	2·77	2·82
1936	348	480	828	2·63	3·54	3·09	3·1
1937	350	440	790	2·69	3·13	2·92	—
1938	416	430	846	3·16	3·06	3·11	—
1939	417	466	883	3·10	3·25	3·17	—

Deaths from Cancer, 1927-1939.

Year	Administrative County						Death Rate for England and Wales
	Number of Deaths			Death Rate per 1000 of the Population			
	Bor'ghs and Urban Districts	Rural Districts	County	Boroughs and Urban Districts	Rural Districts	County	
1927	184	188	372	1·46	1·37	1·41	1·38
1928	162	188	350	1·30	1·39	1·35	1·43
1929	193	183	376	1·54	1·36	1·45	1·44
1930	196	217	413	1·56	1·62	1·59	1·45
1931	167	178	345	1·32	1·32	1·32	1·48
1932	211	220	431	1·62	1·63	1·62	1·51
1933	186	216	402	1·43	1·59	1·51	1·53
1934	219	220	439	1·65	1·62	1·64	1·56
1935	208	223	431	1·54	1·64	1·60	1·59
1936	209	217	426	1·62	1·54	1·58	1·62
1937	207	223	430	1·59	1·59	1·59	—
1938	199	236	435	1·51	1·68	1·60	—
1939	232	229	461	1·73	1·59	1·65	—

Age Distribution of Cancer Deaths, 1927-1939.

Year	Under 1 year	1–2	2–5	5–15	15–25	25–45	45–65	65–75	75 and over	Total
1927	—	—	—	—	2	26	142	123	79	372
1928	—	—	2	1	2	19	133	113	80	350
1929	—	—	1	2	—	23	126	126	98	376
1930	—	—	—	1	2	23	161	129	97	413
1931	—	—	1	—	1	16	141	114	72	345
1932	—	—	—	1	2	21	163	142	102	431
1933	1	—	—	—	1	20	153	119	108	402
1934	—	—	1	1	—	23	166	159	89	439
1935	—	—	1	1	2	25	173	124	105	431
1936	—	—	1	1	2	29	163	130	100	426
1937	1	—	—	1	1	18	164	143	102	430
1938	—	—	—	2	2	35	171	122	103	435
1939	—	—	1	1	4	24	162	150	119	461

Cancer Death Rates, 1927-1939.

Year	Boroughs and Urban Districts		Rural Districts		Whole County		Rate for England and Wales
	Number	Rate per 1,000 of population	Number	Rate per 1,000 of population	Number	Rate per 1,000 of population	
1927	184	1·46	188	1·37	372	1·41	1·38
1928	162	1·30	188	1·39	350	1·35	1·43
1929	193	1·54	183	1·36	376	1·45	1·44
1930	196	1·56	217	1·62	413	1·59	1·45
1931	167	1·32	178	1·32	345	1·32	1·48
1932	211	1·62	220	1·63	431	1·62	1·51
1933	186	1·43	216	1·59	402	1·51	1·53
1934	219	1·65	220	1·62	439	1·64	1·56
1935	208	1·54	223	1·64	431	1·60	1·59
1936	209	1·62	217	1·54	426	1·58	1·62
1937	207	1·59	223	1·59	430	1·59	—
1938	199	1·51	236	1·68	435	1·60	—
1939	232	1·73	229	1·59	461	1·65	—

Deaths from Cancer (Malignant Disease).

Table compiled from district registrar's returns, showing sites of disease in those dying from cancer in the county during 1939.

	15–25		25–45		45–65		65-75		75 and over		Total
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1. Gastro-Intestinal System											
Abdomen	—	—	—	—	—	1	—	—	—	—	1
Cæcum	—	—	—	—	1	2	1	2	—	—	6
Colon	—	—	1	—	11	4	12	12	7	9	56
Gall Bladder	—	—	—	—	1	—	—	1	—	2	4
Gastric	—	—	—	—	—	—	—	—	—	1	1
Liver	—	—	1	—	—	1	1	2	—	1	6
Pancreas	—	—	—	—	8	1	2	3	4	2	20
Rectum	—	—	—	1	10	1	6	9	10	4	41
Stomach	—	—	1	2	11	8	8	8	12	12	62
Stomach and Liver ..	—	—	—	—	—	—	1	—	—	—	1
Total	—	—	3	3	42	18	31	37	33	31	198
2. Genito-Urinary System											
Bladder	—	—	—	—	2	1	2	—	4	—	9
Mammæ	—	—	—	5	—	25	—	10	—	9	49
Prostrate	—	—	—	—	2	—	5	—	8	—	15
Ovary	—	—	—	—	—	2	—	5	—	—	7
Vagina	—	—	—	—	—	—	—	1	—	—	1
Vulva	—	—	—	—	—	2	—	—	—	1	3
Uterus	—	—	—	4	—	15	—	8	—	8	35
Testes	—	—	—	—	1	—	—	—	—	—	1
Total	—	—	—	9	5	45	7	24	12	18	120
3. Intra-thoracic System											
Larynx	—	—	—	—	1	1	2	—	—	2	6
Lungs	—	—	—	1	7	2	3	4	2	—	19
Mediastinum	—	—	—	—	—	—	1	—	—	—	1
Oesophagus	—	—	—	—	3	2	3	1	6	—	15
Thorax	—	—	—	—	—	—	1	—	—	—	1
Total	—	—	—	1	11	5	10	5	8	2	42
4. Central Nervous System											
Total	—	2	1	1	—	1	—	—	—	—	5
5. Osseous System											
Alveolus	—	—	—	—	—	—	—	—	—	1	1
Jaw	—	—	—	—	—	—	1	—	—	—	1
Spine	—	—	—	—	1	—	—	—	—	—	1
Maxilla	—	—	—	—	1	—	—	1	—	—	2
Total	—	—	—	—	2	—	1	1	—	1	5

Cancer (Malignant Disease)—*contd.*

	0–5		5–10		15–25		25–45		45–65		65–75		75 and over		Total
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
6. Miscellaneous															
Auditory Meatus	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Cutis ..	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Cervical Glands	—	—	—	—	—	—	—	1	—	—	—	—	1	—	2
Face ..	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Finger	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Hand ..	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Lips ..	—	—	—	—	—	—	—	—	2	—	1	—	1	—	4
Mouth	—	—	—	—	—	—	—	—	—	—	2	—	—	—	2
Neck ..	—	—	—	—	—	—	—	—	—	—	1	—	1	1	3
Parotid	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Pharynx	—	—	—	—	—	—	—	—	1	—	1	—	—	—	2
Thyroid	—	—	—	—	—	—	—	—	—	2	—	—	—	—	2
Tongue	—	—	—	—	—	—	—	—	3	—	—	—	—	1	4
Tonsils	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Throat	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Thumb	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1
Total	—	—	—	—	—	—	—	1	9	2	6	3	4	3	28
7. Sarcoma Total	—	1	—	1	1	—	2	—	2	2	1	—	1	—	11
8. Neoplasm Total	—	—	—	—	—	—	1	—	1	1	1	1	—	—	5
9. Rodent Ulcer Total	—	—	—	—	—	—	—	—	1	—	—	—	2	—	3
Grand Total	—	1	—	1	1	2	7	15	73	74	57	71	60	55	417

Deaths from Tuberculosis, 1930-1939.

Year	Administrative County						Death Rate for England and Wales
	Number of Deaths			Death Rate per 1000 of the Population			
	Bor'ghs and Urban Districts	Rural Districts	County	Boroughs and Urban Districts	Rural Districts	County	
1930	117	110	227	·93	·81	·87	·89
1931	134	64	198	1·05	·47	·75	·9
1932	125	107	232	1·04	·78	·87	·83
1933	121	80	201	·93	·59	·75	·82
1934	108	79	187	·82	·58	·70	·76
1935	99	80	179	·74	·58	·67	·72
1936	85	75	160	·66	·53	·58	·69
1937	100	75	175	·77	·53	·65	—
1938	84	61	145	·64	·43	·53	—
1939	76	65	141	·56	·45	·51	—

Age and Sex Distribution of Deaths from Tuberculosis.

	AGE AND SEX																							
	0–1		1–2		2–5		5–15		15–25		25–35		35–45		45–55		55–65		65–75		75 +		All ages	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
RESPIRATORY TUBERCULOSIS																								
Boroughs and Urban Districts	—	—	—	—	—	—	—	—	2	10	8	12	4	3	6	3	6	6	3	—	—	—	29	34
Rural Districts	—	—	—	—	—	—	—	1	4	6	5	8	2	3	5	3	—	2	4	2	—	1	20	26
TOTAL	—	—	—	—	—	—	—	1	6	16	13	20	6	6	11	6	6	8	7	2	—	1	49	60
OTHER FORMS OF TUBERCULOSIS																								
Boroughs and Urban Districts	—	—	2	—	2	—	3	2	1	—	—	—	1	1	—	—	—	1	—	—	—	—	9	4
Rural Districts	1	1	1	2	—	1	1	—	2	3	—	—	1	1	—	1	—	1	1	1	—	1	7	12
TOTAL	1	1	3	2	2	1	4	2	3	3	—	—	2	2	—	1	—	2	1	1	—	1	16	16
GRAND TOTAL	1	1	3	2	2	1	4	3	9	19	13	20	8	8	11	7	6	10	8	3	—	2	65	76

INFANT MORTALITY.

Deaths of infants under one year of age numbered 209, giving a rate of 47 per 1,000 live births.

The causes of deaths of infants under one year of age are as follows :—

	Number of Deaths		
	Urban Districts	*Rural Districts*	*County*
Congenital debility, malformation and premature birth	59	68	127
Pneumonia	13	13	26
Bronchitis	3	3	6
Diarrhœa	7	8	15
Whooping Cough	3	4	7
Influenza	—	1	1
Other diseases	8	19	27

Approximately 60% of the deaths were due to congenital debility, malformation and premature birth, the majority occurring during the first few weeks of life.

Infant Mortality Rates for the County compared with those for England and Wales, 1900-1939.

Years	No. of infant deaths per 1000 live births registered			
	Boroughs and Urban Districts	Rural Districts	Administrative County	England & Wales
1900–09	127	104	115	132
1910–19	105	87	96	103
1920–29	70	62	66	74
1930	54	51	52	60
1931	73	50	61	66
1932	61	57	59	65
1933	52	53	52	64
1934	59	59	59	59
1935	52	39	46	57
1936	52	50	51	59
1937	49	50	49	58
1938	48	51	50	53
1939	43	52	47	50

Maternal Mortality Rates for the Administrative County compared with those for England and Wales, 1930-1939.

Year	Puerperal Sepsis		Other Puerperal Causes		Total		Mortality Rate, England and Wales
	No. of Deaths	Rate per 1000 Births*	No. of Deaths	Rate per 1000 Births*	No. of Deaths	Rate per 1000 Births*	
1930	9	1·92	16	3·42	25	5·35	4·22
1931	6	1·32	10	2·20	16	3·54	3·94
1932	6	1·34	12	2·69	18	4·04	4·04
1933	5	1·19	7	1·67	12	2·86	4·32
1934	9	2·10	8	1·86	17	3·97	4·41
1935	10	2·25	13	2·93	23	5·18	3·94
1936	2	·46	9	2·06	11	2·52	3·65
1937	2	·45	10	2·27	12	2·73	3·11
1938	2	·46	13	2·97	15	3·43	2·97
1939	8	1·83	5	1·14	13	2·97	2·93

* Includes Still-births.

Causes of Death in Each District in the County at all Ages—1939.

DISTRICT.	Population estimated by Registrar-General. For Birth Rate.	For Death Rate.	Live Births.	Deaths.	Typhoid and Para-typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria and Croup.	Influenza.	Encephalitis Lethargica.	Cerebro-spinal Fever	Tuberculosis of the Respiratory System.	Other Tuberculous Diseases	Syphilis.	General Paralysis of the Insane tabes dorsalis.	Cancer.	Diabetes.	Cerebral Hæmorrhage.	Heart Disease.	Aneurysm	Other Circulatory Diseases.	Bronchitis.	Pneumonia (all forms).	Other Respiratory Diseases.	Peptic Ulcer.	Diarrhœa, &c.	Appendicitis.	Cirrhosis of Liver.	Other Diseases of the Liver, &c.	Other Digestive Diseases	Acute and Chronic Nephritis.	Puerperal Sepsis.	Other Puerperal Causes.	Congenital Debility, Premature Birth, Malformations, etc.	Senility.	Suicide.	Other Violence.	Other defined Diseases.	Causes ill-defined or unknown.	TOTAL.
URBAN																																									
Alford	2200	2208	25	34	..	..	..	..	..	..	..	..	1	..	..	..	9	..	1	6	..	3	1	..	1	..	..	..	..	..	1	2	..	..	1	6	..	..	2	..	34
Barton-on-Humber ..	6126	6088	110	63	..	..	..	..	..	..	..	..	5	..	..	..	11	2	2	15	..	6	..	1	..	1	1	..	..	..	..	..	..	..	2	3	2	4	7	1	63
Brigg	4345	4354	50	60	..	..	..	..	..	3	1	..	2	1	..	..	9	..	4	17	..	2	2	3	1	..	..	..	..	..	1	..	..	..	2	7	..	2	3	..	60
Cleethorpes Borough..	28580	28310	404	308	..	..	..	1	2	5	2	..	9	4	..	4	49	3	25	81	2	10	14	8	3	2	2	3	1	1	4	13	1	..	9	13	5	13	19	..	308
Gainsborough.. ..	16850	17080	233	251	..	..	..	..	..	7	..	..	8	2	..	..	29	6	29	72	..	11	8	5	4	2	3	..	..	3	..	6	..	..	11	7	1	13	24	..	251
Horncastle	3419	3470	40	59	..	..	..	..	..	..	..	..	..	..	..	..	11	..	3	14	1	6	1	..	..	1	..	..	..	1	1	1	..	1	1	6	..	4	7	..	59
Louth Borough ..	9962	10190	140	155	..	..	..	1	2	9	1	..	6	..	1	2	30	..	12	33	..	5	4	6	2	..	1	2	..	1	2	5	..	..	2	7	..	6	15	..	155
Mablethorpe & Sutton	4567	4540	43	69	..	..	..	..	..	2	..	..	1	..	..	..	12	3	3	26	..	7	..	1	..	1	..	..	..	..	..	..	..	..	..	2	1	4	6	..	69
Market Rasen ..	2027	2079	34	26	..	..	..	..	..	1	..	..	2	..	..	..	3	..	4	6	..	..	3	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	4	..	26
Scunthorpe Borough	43310	43940	923	388	..	..	1	1	2	11	..	..	23	6	2	3	41	9	21	104	4	10	15	15	5	8	4	1	..	2	1	4	4	1	27	8	1	20	33	1	388
Skegness	10240	10310	142	125	..	..	..	..	1	3	1	..	5	..	..	1	22	3	6	35	1	2	3	6	3	..	1	..	1	..	4	7	..	..	4	8	1	4	3	..	125
Woodhall Spa ..	1474	1527	13	33	..	..	..	..	..	2	..	..	1	..	..	..	6	1	4	8	..	5	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	3	..	33
Total	133100	134100	2157	1571	..	..	1	3	7	43	5	..	63	13	3	10	232	27	114	417	8	67	51	45	20	15	12	6	3	8	15	38	5	2	61	67	12	70	126	2	1571
RURAL																																									
Glanford Brigg ..	30550	30970	530	371	..	..	..	4	..	5	1	..	6	5	1	1	47	5	23	96	..	16	11	10	4	1	4	3	..	3	5	9	..	1	13	27	6	25	39	..	371
Caistor	12060	12290	173	181	..	..	..	..	..	2	..	..	3	2	..	..	17	2	10	45	..	11	4	7	2	2	3	1	..	2	4	2	..	..	5	32	1	10	14	..	181
Gainsborough.. ..	10380	10390	165	118	..	..	..	..	..	2	..	..	5	4	..	..	12	2	6	32	1	9	..	7	..	..	2	..	..	3	2	2	..	..	4	2	..	9	13	1	118
Grimsby	11810	11710	172	112	..	..	..	2	1	5	..	..	5	..	..	..	20	1	4	29	1	4	2	5	..	..	1	1	..	1	2	2	1	1	6	3	1	12	2	..	112
Horncastle	11070	11090	174	146	..	..	..	1	2	3	1	..	4	1	1	..	18	..	6	35	..	16	1	2	2	..	1	5	..	..	5	5	..	..	7	5	2	5	16	2	146
Isle of Axholme ..	13020	13220	202	173	..	..	..	1	1	2	..	1	4	1	1	..	16	3	11	58	..	4	7	7	6	1	..	1	..	3	5	12	..	..	..	1	1	12	14	..	173
Louth	17660	17460	223	232	..	..	..	..	2	1	..	..	5	1	..	..	41	2	20	63	2	5	4	8	1	1	..	2	..	..	2	7	1	..	11	21	1	15	16	..	232
Spilsby	23350	23420	367	272	..	..	..	1	..	2	..	..	12	2	1	..	37	8	15	65	..	26	10	11	1	..	2	..	2	2	3	5	1	1	15	8	3	16	23	..	272
Welton	12800	12750	202	156	..	..	..	1	..	7	..	..	2	3	..	..	21	2	14	43	..	6	7	5	..	3	2	..	..	1	3	8	..	..	7	6	..	4	11	..	156
Total	142700	143300	2208	1761	..	..	..	10	6	29	2	1	46	19	4	1	229	25	109	466	4	97	46	62	16	8	15	13	2	15	31	52	3	3	68	105	15	108	148	3	1761
Administrative County..	275800	277400	4365	3332	..	..	1	13	13	72	7	1	109	32	7	11	461	52	223	883	12	164	97	107	36	23	27	19	5	23	46	90	8	5	129	172	27	178	274	5	3332

Causes of all Deaths in the County at different ages 1939.

Causes of Death	Under 1 Yr.	1-2	2-5	5-15	15–25	25–45	45–65	65–75	75 and over	T'tl.
Typhoid and Para-typhoid Fevers ..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..
Scarlet Fever ..	..	..	1	..	..	..	..	..	..	1
Whooping-cough ..	7	1	5	..	..	..	..	..	..	13
Diphtheria	1	1	3	6	1	..	1	..	..	13
Influenza	1	1	..	1	3	4	23	10	29	72
Encephalitis Lethargica ..	..	..	..	1	..	3	3	..	..	7
Cerebro-Spinal F'ver	..	..	1	..	..	..	..	..	..	1
Tuberculosis of the Respiratory System	..	..	..	1	22	45	31	9	1	109
Other Tuberculous Diseases	2	5	3	6	6	4	3	2	1	32
Syphilis	..	..	..	..	1	..	4	1	1	7
General Paralysis .. of the insane, tabes dorsalis	..	..	..	..	..	1	6	4	..	11
Cancer	..	..	1	1	4	24	162	150	119	461
Diabetes	..	..	..	..	..	2	12	20	18	52
Cerebral Hæmorr-hage	..	..	..	..	..	6	55	70	92	223
Heart Disease ..	1	..	..	1	7	26	177	274	397	883
Aneurysm ..	..	..	..	..	..	2	6	2	2	12
Other Circulatory Diseases	..	..	..	..	..	1	29	34	100	164
Bronchitis	6	1	3	..	..	4	8	25	50	97
Pneumonia(allforms)	26	7	2	4	2	15	20	10	21	107
Other Respiratory Diseases ..	..	2	2	2	..	1	9	7	13	36
Peptic Ulcer ..	..	..	..	..	1	5	11	3	3	23
Diarrhœa	15	2	..	..	3	1	2	3	1	27
Appendicitis ..	..	..	..	2	1	4	7	3	2	19
Cirrhosis of Liver ..	..	..	..	..	..	..	4	1	..	5
Other Diseases of Liver, &c. ..	..	..	..	..	..	3	2	9	9	23
Other Digestive Diseases	4	..	1	3	2	3	15	10	8	46
Acute and Chronic Nephritis ..	..	..	..	1	4	6	24	20	35	90
Peurperal Sepsis ..	..	..	..	..	3	5	..	..	..	8
Other Puerperal Causes	..	..	..	..	..	5	..	..	..	5
Congenital Debility Premature Birth, Malformations,&c.	127	..	1	..	..	1	..	..	..	129
Senility	..	..	..	..	..	..	..	9	163	172
Suicide	..	..	..	..	1	8	8	7	3	27
Other violence ..	5	5	3	7	30	42	34	19	33	178
Other Defined Diseases	13	3	2	1	8	42	73	74	58	274
Causes ill-defined or unknown ..	1	..	..	..	..	..	1	1	2	5
	209	28	28	37	99	263	730	777	1161	3332

GENERAL PROVISION OF HEALTH SERVICES

HOSPITAL ACCOMMODATION.

The following is a summary of the principal hospitals and institutions serving the area :—

(*a*) *General Voluntary Hospitals.*

(Particulars taken from " The Hospital Year Book.")

Institution	*No. of beds available (Normal Peace time capacity.)*
Grimsby and District Hospital	189
Lincoln County Hospital	178
Scunthorpe War Memorial Hospital	150
Louth and District Hospital	56
Boston Hospital	70
John Coupland Hospital, Gainsborough	40
Alexandra Hospital, Woodhall Spa	30
Alford and District Hospital	15
Grace Swan Cottage Hospital, Spilsby	14
Skegness Cottage Hospital	16
Willingham-by-Stow Reynard Hospital	12
Market Rasen Cottage Hospital	7
Horncastle War Memorial Hospital	15

(*b*) *Infectious Diseases Hospitals.*

Institution	*Provided by*	*No. of beds available*
Osgodby Small Pox Hospital	Lindsey and Lincoln Joint Small Pox Hospital Board	48
Foxby Hill Hospital, Gainsborough	Gainsborough U.D.C.	30
Brumby Isolation Hospital	Lindsey County Council	26
Osgodby Isolation Hospital	Caistor R.D.C. ..	12
Skegness Isolation Hospital	Skegness U.D.C. ..	12
Grimsby Corporation Hospital	Grimsby Borough Council	76

(*c*) *Accommodation for the Treatment of Tuberculosis.*

Institution	*Provided by*	*No. of beds available*
Branston Hall Sanatorium	Lindsey County Council	68
Brumby Isolation Hospital	do. do.	14
Grimsby Corporation Hospital	Grimsby Borough Council	103

(*d*) *Maternity Homes.*

Instutition	*Provided by*	*No. of beds available*
Cleethorpes Maternity Home	Lindsey County Council	16
Scunthorpe Maternity Home	do. do.	24
Gainsborough Maternity Home	do. do.	9

(*e*) *Accommodation provided by the County Council in connection with Public Assistance Institutions for the treatment of the sick poor.*

Institution	*No. of beds*
Gainsborough..	65
Spilsby	64

(*f*) *General Public Health Hospitals provided by the County Council.*

Institution	*No. of beds*
Brigg County Infirmary	83
Louth ,, ,, ...	210

(*g*) *Mental Hospital.*

Institution	*Provided by*	*No. of beds available*
Bracebridge Heath Hospital	Lindsey and Holland County Councils and Lincoln and Grimsby Corporations ..	1306

(*h*) *Mental Defective Institutions.*

Institution	*Provided by*	*No. of beds available*
Harmston Hall Colony	Lincolnshire Joint Board for the Mentally Defective	334
Caistor Institution for Defectives	do. do.	120
Holbeach Institution for Defectives	do. do.	167
Bourne Institution for Defectives	do. do.	102
Cross O'Cliff Court Institution for Defectives	do. do.	22

Home Nursing and Health Visiting.

There is no change to report in connection with the working of these services.

Clinics and Treatment Centres.

The new clinic premises at Skegness have been completed and are now in use. Tuberculosis School and Maternity and Child Welfare Sessions are held weekly. Dental and Orthopædic Clinics are held as required.

At the Scunthorpe and Cleethorpes Clinics additional accommodation has been provided for the dental service.

SANITARY CIRCUMSTANCES OF THE AREA.

Sanitary Inspection.

The call made on officials of local authorities for Civil Defence services, coupled with the appreciable number of inspectors and assistants called to the colours in September, is reflected in the returns for the year.

Efforts have been concentrated on clearing up outstanding items and maintaining routine activities which, up to the present, have been regarded as essential. It is noticeable that in those districts where meat and food inspection has always been regarded as important a good standard has been maintained, in the others, where possible, it has decreased.

The formation of camps and the necessity for billeting troops and evacuees has focussed attention on the general sanitary circumstances in the rural areas, and to date no serious difficulties have arisen, indeed, it is pleasing to note the manner in which small concentrations of people have adapted themselves to rural circumstances. In camps, under reasonable and enlightened supervision, rural sanitation has proved to be quite efficient if a little inconvenient.

Housing.

The number of new houses erected in the county in 1939 shows no decrease, but building slackened perceptibly after the outbreak of war, this will be reflected in the figures for 1940. The schemes of local authorities will be completed in most cases, but no new schemes will be embarked upon, for the few houses deemed essential it appears that the Housing (Financial Provision) Act, 1938, will be used.

Housing (Rural Workers) Acts.

The County Council is responsible for the administration of the Acts in only four of the rural districts.

Since the Acts came into operation the County Council has made grants in respect of 214 houses amounting to £15,885 while £4,725 has been promised in respect of a further 42 houses. Loans in respect of 7 houses amounting to £1,050 have also been advanced.

Rural Water Supplies.

No schemes of any extent have been embarked upon but extensions to existing schemes have been carried out. Investigations into the water supplies of camps and billets were carried out during the last quarter of the year, and it was found that several sources previously regarded as safe were quite the reverse, while others viewed with suspicion showed no evidence of pollution ; for some time the county

laboratory was working at high pressure as a result of the investigations.

Glanford Brigg Rural District.

The eastern area has not yet obtained the benefit of a piped supply, but an extension of the existing scheme to five more parishes in the western area was commenced. The sinking of another bore by the North Lindsey Water Board has been found necessary.

Caistor Rural District.

No extensions of any note have been made to the Regional scheme which continues to function very well.

Gainsborough Rural District.

The scheme for this area in still not completed.

Grimsby Rural District.

The Grimsby Corporation and the Healing scheme remain the source of piped water supply, and additional premises continue to be connected.

Horncastle Rural District.

During the summer months there is a shortage of water in many parts of this area and there appears little prospect of any improvement.

Isle of Axholme Rural District.

During the year some samples of the piped supply was below the standard expected; regular flushing of mains and dead ends improved the standard.

Louth Rural District.

The Manby and Binbrook schemes are being fully utilised and there is no marked shortage in other parts of the area.

Spilsby Rural District.

Both the Coastal Parishes and Fen schemes are in full progress now; in the latter scheme over 1,100 properties were connected during the year. Samples from the Wainfleet scheme show that no improvement in purification has been effected, in fact a very low standard of purity has been maintained.

Welton Rural District.

The supply to the Regional scheme continues to be of a good standard both chemically and bacteriologically, but no steps have yet been taken to deal with the hardness.

GENERAL HOUSING CONDITIONS IN THE COUNTY.

Table compiled from returns made by District Sanitary Inspectors showing number of new houses erected in the Urban and Rural Districts in the Administrative County, together with the number of houses inspected for defects and the action taken under the Public Health and Housing Acts.

District.	New houses erected during the year.				1. Inspection of Dwellinghouses during the year.						2. Remedy of defects without service of formal notices.
	Total Number.	(1) By the Local Authority.	(ii) By other Local Authorities.	(iii) By other bodies or persons.	(1) (a) Total number of dwelling houses inspected for housing defects (under the Public Health or Housing Acts).	(b) Number of Inspections made for the purpose.	(2) (a) No. of dwellinghouses (included under sub-head (1) before) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	(b) Number of inspections made for the purpose.	(3) No. of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.	(4) No. of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation.	No. of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their officers.
URBAN—											
Alford	2	—	—	2	42	44	23	25	1	22	11
Barton-on-Humber ..											
Brigg	10	—	—	10	34	51	15	19	—	34	34
Cleethorpes M.B.	83	—	—	83	769	260	586	926	—	399	303
Gainsborough ..	5	—	—	5	22	28	22	—	—	22	22
Horncastle ..	Return not received										
Louth M.B. ..	82	30	—	52	450	568	70	138	16	91	73
Mablethorpe and Sutton-on-Sea	53	—	—	53	55	128	33	57	1	20	12
Market Rasen ..	Return not received										
Scunthorpe M.B.	649	62	—	587	1050	2780	97	462	86	11	806
Skegness ..	42	—	—	42	362	622	9	22	2	7	215
Woodhall Spa ..	8	—	—	8	6	11	—	—	—	—	6
RURAL—											
Glanford Brigg ..	132	42	—	90	350	350	120	146	54	83	212
Caistor	78	30	—	48	201	263	148	165	5	145	70
Gainsborough ..	26	12	—	14	210	290	—	—	54	56	41
Grimsby	Return not received										
Horncastle ..	15	—	—	15	67	150	10	25	10	57	48
Isle of Axholme	48	28	—	20	250	300	250	250	86	164	6
Louth	36	—	—	36	99	143	43	47	30	14	14
Spilsby	77	—	3	74	115	463	52	335	1	78	66
Welton	106	5	—	101	151	173	54	56	14	65	38

General Housing Conditions in the County—*continued.*

3. Action under Statutory Powers during the year.

(a) Proceedings under Sections 9, 10 and 36 of the Housing Act, 1936. (1) No. of dwellinghouses in respect of which notices were served requiring repairs.	(2) No. of dwellinghouses which were rendered fit after service of formal notices. (*a*) By Owners.	(b) By Local Authority in default of owners.	(b) Proceedings under Public Health Acts. (1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied.	(2) No. of dwellinghouses in which defects were remedied after service of formal notices. (a) By owners.	(b) By Local Authority in default of owners.	(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936. (1) No. of dwellinghouses in respect of which Demolition Orders were made.	(2) No. of dwellinghouses demolished in pursuance of Demolition Orders.	(3) No. of dwellinghouses subject to undertakings.	(d) Proceedings under Section 12 of the Housing Act, 1936. (1) No. of separate tenements or underground rooms in respect of which Closing Orders were made.	(2) No. of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit.
1	1	—	2	2	—	—	—	—	—	—
18	1	—	15	1	—	—	—	—	—	—
9	15	—	5	6	—	—	—	—	—	—
11	12	—	26	20	—	—	15	—	—	—
7	7	—	5	4	—	1	—	1	4	—
5	4	1	3	3	—	1	1	—	—	—
11	19	—	102	101	1	11	12	—	—	—
—	—	—	4	4	—	—	—	—	2	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	212	196	—	64	22	32	1	—
56	42	—	68	59	2	—	—	1	—	—
—	—	—	—	—	—	12	6	7	—	—
—	1	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	10	—	—
—	—	—	—	—	—	30	—	4	—	—
25	19	—	—	—	—	38	22	49	—	—
10	12	—	26	20	—	6	2	2	—	—

SEWERAGE AND SEWAGE DISPOSAL.

No major schemes have been embarked upon during the year, in fact it is a matter for congratulation that officials, amid the welter of other duties thrust upon them, have managed to complete existing schemes and keep them functioning in a normal manner.

The completion of the new works at Alford should result in an improvement in the condition of the Wold Grift into which the effluent flows and the Market Rasen and Middle Rasen scheme is at last near completion. After so many years of discussions and reports it is hard to realise that these two matters should, in the future, give rise to no adverse comment.

INSPECTION AND SUPERVISION OF FOOD.

Milk and Dairies Order.

The veterinary inspection of cattle is carried out by the Ministry of Agriculture and Fisheries. There are 3,111 registered milk producers in the County and approximately 21,436 milch cows.

Tuberculosis Order, 1938.

The number of animals slaughtered under this Order during the year was 428, of which 416 were reported by owners or found during routine clinical examinations, and 12 were traced following the detection of tubercle bacilli in milk samples.

Milk (Special Designations) Order, 1936.

At the end of the year nine T.T. licences were in force, three of these producers were also bottling, two other applications remain pending the certificate of testing.

There were 181 accredited producers licenced at the end of the year, but in three cases renewal of licences was refused on account of failure to maintain the necessary bacteriological standard. On the whole a general improvement in methods as reflected by samples has been noticed despite the fact that supervision by means of surprise visits has not been so frequent.

Provision of Milk in Elementary Schools.

The number of schools participating in the scheme was 139, and the number of children on the milk roll at the end of the year 11,415.

Of the schools at which free milk was available " T.T. " was being provided at 4, pasteurised at 61, accredited at 43, and non-designated at 31. During the year approval was refused in respect of two sources of supply where the quality of the milk did not reach the " Accredited " standard.

Food and Drugs (Adulteration) Act, 1928. Table showing Samples Examined 1939.

Examined	Bread	Butter	Cheese	Cocoa	Coffee	Confectionery	Cream	Cream, Tinned	Flour	Flour, Self-Raising	Jam	Lard	Margarine	Milk	Sugar	Tea	Vinegar	Spirits	Beer	Wine	Drugs	Other Articles	Vinegar Unbrewed	Milk, Skimmed
First quarter	2	4	4	3	4	4	3	2	1	2	2	3	6	101	4	4	—	5	3	4	13	9	—	—
Second quarter	6	8	5	7	4	2	5	1	6	3	2	5	6	97	3	4	—	2	1	—	6	18	1	—
Third quarter	2	6	9	1	2	4	2	3	2	3	4	6	6	96	4	4	—	2	—	3	7	15	1	—
Fourth quarter	3	3	4	4	3	5	2	3	2	3	1	9	4	100	5	4	—	4	2	1	7	18	—	—

FOOD AND DRUGS ADULTERATION ACT, 1928.

Table showing the action taken in regard to each sample adversely reported upon by the Public Analyst and the result of legal proceedings.

Report of Public Analyst for quarter ended	No. of Sample referred to in Analyst's Report	Description of Sample	Nature of Adverse Report	Action Taken
31st Mar., 1939	A. 162	Milk	5% deficient in fat	Warned
,,	G. 181	,,	5% deficient in fat	Warned
,,	G. 182	,,	1% extraneous water	No action
,,	G.G. 177	Potted Meat	8% starchy matter	Warned
,,	S. 3395	Milk	11% deficient in fat	Proceedings pending
,,	S. 3396	,,	3% extraneous water and 4% deficient in fat	Proceedings pending
,,	W. 172	,,	7% deficient in fat	Warned
,,	W. 185	,,	5% deficient in fat	Warned
,,	W. 195	,,	6% deficient in fat	Warned
30th June, 1939	A. 18	,,	10% deficient in fat	Warned
,,	A. 22	,,	4% deficient in fat	Proceedings pending
,,	A. 32	,,	6% deficient in fat	Proceedings pending
,,	G. 42	,,	6% deficient in fat	No action
,,	G. 38	Coffee	50% Chicory	No action
,,	G. 52	Vinegar, non brewed	8½% deficient in acetic acid	Warned
,,	G.G. 17	Milk	13% deficient in fat	Proceedings pending
,,	G.G. 20	,,	3% deficient in fat	Warned
,,	G.G. 24	,,	17% deficient in fat	Proceedings pending
,,	G.G. 25	,,	16% deficient in fat	Proceedings pending
,,	G.G. 26	,,	23% deficient in fat	Proceedings pending
,,	G.G. 39	,,	4% extraneous water	No action
,,	S. 3423	,,	9% deficient in fat	Warned
,,	S. 3451	,,	14% deficient in fat	Proceedings pending
,,	W. 1	,,	9% deficient in fat	Warned
,,	W. 10	,,	10% deficient in fat	Warned
,,	W. 9	,,	16% extraneous water	Fined £1
,,	W. 15	,,	5% deficient in fat	No action
Sept. 30th, 1939	A. 52	,,	6% deficient in fat	Warned
,,	G. 54	,,	4% deficient in fat	Warned
,,	G. 59	,,	6% deficient in fat	Warned
,,	G. 67	,,	3% deficient in fat	No action
,,	G. 71	,,	7% deficient in fat	Warned
,,	G. 73	,,	13% deficient in fat	Fined £2
,,	G. 78	,,	1% deficient in fat	No action
,,	G. 80	,,	18% deficient in fat	Fined £1
,,	G. 86	,,	21% deficient in fat	Dismissed with costs 14/6
,,	G. 89	,,	9% deficient in fat	Warned
,,	G. 96	PottedMeat	2·5% starchy matter	Warned
,,	W. 31	Milk	4% deficient in fat	No action
,,	W. 37	,,	23% deficient in fat	Dismissed
,,	W. 59	,,	26% deficient in fat	Fined £2
Dec. 31st, 1939	A. 32	,,	6% deficient in fat	Warned
,,	A. 118	,,	12½% extraneous water	Proceedings pending
,,	G.G. 104	Sago	100% Tapioca	Warned
,,	S. 3506	Milk	6% extraneous water	Proceedings pending
,,	S. 3525	Seidlitz Powder	100% Rochelle Salt	Proceedings pending
,,	W. 78	Milk	19% deficient in fat	Fined £1

INFECTIOUS DISEASES.

NOTIFICATION.

There were 1,335 cases of infectious disease notified in 1939, as compared with 1,456 in the previous year. The table given below shows the diseases notified and the districts in which they occurred.

There has been a considerable increase in the number of cases of diphtheria notified in both Urban and Rural areas, 443 cases having been notified as compared with 280 last year. The largest number of cases occurred in the Borough of Louth where there were 102 notifications. There were 8 cases of cerebro-spinal meningitis reported, which is 6 more than in the preceding year.

None of the other notifiable diseases showed an increased incidence. In respect of most of them there has been a considerable reduction. It is worthy of note that only 26 cases of ophthalmia neonatorum were notified as against 40 in 1938.

Table showing the distribution of Notified Cases of Infectious Diseases in Urban and Rural Districts.

Sanitary Districts.	Total number notified.	Diphtheria and Membranous Croup.	Erysipelas.	Scarlet Fever.	Enteric Fever.	Puerperal Pyrexia	Respiratory Tuberculosis.	Other Tuberculous Diseases	Small-pox.	Cerebro-spinal Meningitis	Ophthalmia Neonatorum.	Pneumonia.	Encephalitis Lethargica	Poliomyelitis.	Dysentery	Polio-encephalitis
URBAN—																
Alford	14	8	2	2	–	–	–	–	–	–	–	2	–	–	–	–
Barton-on-Humber	20	2	–	2	–	3	10	3	–	–	–	–	–	–	–	–
Brigg	13	–	5	–	–	–	2	2	–	–	–	4	–	–	–	–
Cleethorpes Borough	164	51	9	41	–	7	20	13	–	–	4	19	–	–	–	–
Gainsborough ..	73	2	6	13	1	2	19	2	–	–	–	28	–	–	–	–
Horncastle	12	–	–	–	1	1	3	3	–	–	–	4	–	–	–	–
Louth Borough ..	151	102	1	17	–	5	11	1	–	2	2	10	–	–	–	–
Mablethorpe ..	6	–	–	1	–	–	2	1	–	–	–	2	–	–	–	–
Market Rasen ..	4	–	–	2	–	–	1	1	–	–	–	–	–	–	–	–
Scunthorpe Borough	296	86	13	46	1	18	45	26	–	2	8	50	–	1	–	–
Skegness	63	29	–	13	–	–	8	1	–	–	2	10	–	–	–	–
Woodhall Spa ..	7	–	–	1	–	–	2	–	–	–	–	4	–	–	–	–
	823	280	36	138	3	36	123	53	–	4	16	133	–	1	–	–
RURAL—																
Glanford Brigg	114	28	9	21	–	6	18	10	–	2	1	19	–	–	–	–
Caistor	59	7	4	30	–	2	6	4	–	–	2	3	–	1	–	–
Gainsborough ..	45	16	7	8	–	1	8	2	–	–	2	1	–	–	–	–
Grimsby	67	36	2	15	–	3	3	2	–	–	1	5	–	–	–	–
Horncastle	31	1	4	2	–	1	6	6	–	–	1	10	–	–	–	–
Isle of Axholme ..	30	13	–	9	1	1	2	1	–	–	2	1	–	–	–	–
Louth	63	32	4	4	–	–	9	3	–	–	–	10	–	1	–	–
Spilsby	63	16	1	13	–	4	14	4	–	2	1	7	–	1	–	–
Welton	40	4	7	11	–	1	2	5	–	–	–	9	1	–	–	–
	512	153	38	113	1	19	68	37	–	4	10	65	1	3	–	–
Total for County ..	1335	433	74	251	4	55	191	90	–	8	26	198	1	4	–	–

Hospital Accommodation for Infectious Diseases.

Attention has been called in previous reports to the inadequacy of the bed accommodation for infectious cases in the County. The scheme for its provision made under the Local Government Act, 1929, is still not complete, and the position has become still less satisfactory from the fact that further accommodation is necessary to meet an increased demand arising as the result of war conditions.

The particulars relating to cases for which the County Council provided hospital accommodation during the year are as follows :—

1939.

Isolation Hospital	No. of Patients Isolated																	
	Scarlet Fever	Diphtheria	Para-typhoid Fever	Influenza Pneumonia	Pneumonia and Measles	Pneumonia and Whooping Cough	Erysipelas	Poliomyelitis	Ophthalmia Neonatorum	Measles	German Measles	Whooping Cough	Chicken-pox and Appendicitis	Chicken-pox and Pemphigus	Cerebro-spinal Meningitis	Scabies	Observation	Total
Brumby ..	52	115	2	1	1	2	4	1	1	2	5	2	1	1	5	1	3	199
Scartho ..	3	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19
Doncaster ..	5	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
Lodge Moor (Sheffield) ..	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Total ..	60	133	2	1	1	2	4	1	1	2	5	2	1	1	5	1	3	225

PUBLIC VACCINATION.

The administrative county for vaccination purposes is divided into 62 districts in which are employed 51 Public Vaccinators. Public Vaccinators have also been appointed for the Council's three Public Assistance Institutions and for the Children's Homes at Horncastle.

The returns which follow show that of 4,127 children born in 1938, 445 or 10·8% were recorded as having been successfully vaccinated.

Certificates of conscientious objection to vaccination were submitted by parents in respect of 3,289, which figure represents 79·7% of the total births.

The following table shows the yearly number of successful vaccinations performed by public vaccinators since 1930.

Year	Number of Births	Successful Vaccinations		Conscientious Objection		Others No.
		Number	% of total births	Number	% of total births	
1930	3,809	613	16·0	2,772	72·7	424
1931	4,242	732	17·2	3,143	74·0	367
1932	4,258	744	17·4	3,141	73·7	373
1933	4,270	635	14·8	3,193	74·7	442
1934	4,039	549	13·5	3,111	77·0	379
1935	4,047	512	12·6	3,118	77·0	417
1936	4,178	528	12·6	3,271	78·2	379
1937	4,134	482	11·6	3,216	77·7	436
1938	4,179	542	12·9	3,269	78·2	368
1939	4,127	445	10·8	3,289	79·7	393

Table respecting the Vaccination of Children whose Births were registered from 1st Jan. to 31st Dec., 1938, inclusive.

Vaccination Officers	No. of Births in "Birth List Sheets" registered 1st Jan. to 31st Dec., 1938. Col. I.	No. of these Births entered by 31st January, 1940, in Cols. I, II, IV. and V. of the "Vaccination Register" (Birth List Sheets) viz.:—					No. of Births, which, on 31st Jan., 1940, remained unentered in the "Vaccination Register" on account of:—			No. of these Births remaining 31st Jan. 1940, neither entered in the "Vac. Reg." nor temporarily accounted for in "Report Book."	No. of Certificates of successful Primary Vaccination of children under 14 received during 1939	No. of Statutory Declar'tions of conscientious objection received by V.O. during 1939
		Col. I.	Col. II.		Col. IV.	Col. V.						
		Successfully Vaccinated	Insusceptible of Vaccination	Had Smallpox	No. of Statutory Declar'tions	Died Un-Vaccinated	Postponement by Medical Certificate	Removal to Districts the V.O.'s of which have been apprised	Removal to Districts unknown and cases not found			
1	2	3	4	5	6	7	8	9	10	11	12	13
Mr. G. G. Beck ..	924	71	—	—	805	23	1	—	24	—	17	300
Mr. A. James	252	6	—	—	193	12	—	2	6	33	29	746
Mr. A. J. Driver ..	188	10	—	—	155	6	—	—	—	17	18	112
Mr. F. Thompson ..	198	19	—	—	165	8	2	—	4	—	7	93
Mr. A. S. Burkill ..	148	18	—	—	121	4	—	—	5	—	12	119
Mr. F. Slingsby ..	649	110	—	—	461	34	6	9	29	—	69	442
Mr. C. L. Vickers ..	70	3	—	—	60	2	—	2	1	2	14	208
Mr. F. Vickers	314	20	—	—	256	13	3	8	2	12	17	149
Mr. W. Smith	172	40	—	—	120	7	—	—	1	4	53	123
Mr. A. E. G. Whitfield	82	3	—	—	76	1	—	—	2	—	1	73
Mr. F. W. Chesman ..	89	4	—	—	79	3	—	—	3	—	3	71
Mr. J. S. Goodwin ..	235	11	1	—	198	8	—	15	2	—	7	129
Mr. C. H. Archer ..	50	6	1	—	33	2	—	5	—	3	7	58
Mr. A. E. Wyles ..	98	11	—	—	73	4	—	—	10	—	3	36
Mr. W. K. Lawson ..	92	22	—	—	65	4	—	—	—	1	23	81
Mr. A. Rattenbury ..	78	8	—	—	66	3	—	—	1	—	8	60
Mr. J. N. Radford ..	161	46	—	—	110	1	1	2	1	—	41	109
Mr. D. F. Francis ..	275	34	1	—	213	9	—	1	10	7	30	163
Mr. J. E. Coldwell ..	52	3	—	—	40	4	—	3	2	—	20	177
Totals	4127	445	3	—	3289	148	13	47	103	79	379	3249

Table showing the number of persons successfully vaccinated or re-vaccinated at the cost of the rates by Medical Officers of Institutions and the Public Vaccinators during the year ended 30th September, 1939.

Name of Institution or Vaccination District	Name of Medical Officer or Public Vaccinator	Number of successful primary vaccinations of Persons :—			Number of successful re-vaccinat'ns i.e. successful vaccinations of persons who had been successfully vaccinated at some previous time
		Under 1 year of age	1 year and upwards	Total	
Brigg Institution ..	R. E. Holme	—	—	—	—
Gainsboro' Institution	N. Moxon	1	—	1	—
Horncastle Institution	J. V. Buchanan	—	—	—	—
Spilsby Institution ..	L. T. Dean	1	—	1	—
Alford	E. W. Woodbridge	3	2	5	1
Bardney	J. Pennie	—	—	—	—
Barnetby	R. E. Holme	1	—	1	—
Barrow-on-Humber ..	F. P. H. Birtwhistle	1	—	1	—
Barton-on-Humber ..	F. P. H. Birtwhistle	3	—	3	—
Binbrook	J. A. Houston	—	—	—	—
Blyborough	A. C. Thomson	3	3	6	—
Brigg	F. J. O. King	—	—	—	—
Burgh	J. Baxter	6	—	6	—
Burringham	J. H. Bellamy	—	—	—	—
Burton	A. J. Fennell	—	—	—	—
Burwell	T. J. T. Wilmot	2	—	2	1
Caistor No. 1	A. Fraser	—	—	—	—
Caistor No. 2 ..	J. A. Houston	—	—	—	—
Cleethorpes	F. Martyn	63	1	64	—
Epworth	A. M. Macgregor	2	—	2	—
Faldingworth ..	D. F. Torrens	—	—	—	—
Gainsborough.. ..	N. Moxon	9	2	11	—
Goltho	W. P. Roe	1	—	1	—
Grimoldby	F. L. Smith	—	—	—	—
Habrough	S. Bedford	—	—	—	—
Hainton	W. P. Roe	—	—	—	1
Haxey	A. W. Marrison	3	—	3	1
Hemingby	A. C. Greenwood	—	—	—	—
Hogsthorpe	A. Paterson	1	—	1	2
Horncastle	J. V. Buchanan	6	2	8	2
Ingham	S. Wray	6	1	7	—
Keadby	H. S. Strachan	8	—	8	—
Keelby	S. Bedford	—	—	—	—
Kirton Lindsey ..	A. C. Thomson	3	3	6	—
Louth	F. L. Smith	—	—	—	—
Market Rasen No. 1 ..	F. W. Shegog	—	—	—	—

CONTINUED.

Name of Institution or Vaccination District	Name of Medical Officer or Public Vaccinator	Number of successful primary vaccinations of Persons :—			Number of successful re-vaccinat'ns i.e. successful vaccinations of persons who had been successfully vaccinated at some previous time
		Under 1 year of age	1 year and upwards	Total	
Market Rasen No. 2 ..	D. F. Torrens	—	—	—	—
Messingham	J. H. Bellamy	—	—	—	—
Newton-on-Trent ..	C. E. Droop	—	—	—	—
Revesby	F. H. Smith	2	—	2	—
Saltfleetby	G. C. W. Iredale	—	—	—	—
Saxilby	A. M. Maiden	—	—	—	—
Scothern	G. S. Deane	24	1	25	—
Scotter	J. E. Barnes	2	1	3	1
Scunthorpe	J. Cullen	—	—	—	—
Sibsey	H. H. Thompson	12	—	12	—
Skegness	J. D. O'Neill	6	—	6	—
Somercotes	L. Gabbe	—	—	—	—
Spilsby East	C. S. E. Wright	13	1	14	—
Spilsby West	L. T. Dean	6	—	6	—
Stickney	H. H. Thompson	7	—	7	—
Tattershall	F. H. Smith	4	2	6	2
Tealby..	H. W. Pank	—	—	—	—
Tetford	J. Gray	3	—	3	—
Tetney	G. W. Stanley	—	—	—	—
Ulceby	S. Bedford	—	—	—	—
Waddingham	J. S. Topping	—	—	—	—
Wainfleet	T. R. Wilson	8	—	8	—
Welton-le-Wold ..	R. Thompson	—	—	—	—
West Butterwick ..	A. Macbeth	—	—	—	—
Willingham	C. H. Wilson	—	—	—	—
Winterton	E. J. Tongue	—	—	—	—
Withern	A. A. J. McNabb	—	—	—	—
Woodhall Spa ..	G. Armour	5	1	6	1
Wragby	W. P. Roe	1	1	2	1
Yarburgh	E. Sharpley	—	—	—	—
	Total	216	21	237	10

TUBERCULOSIS.

During the year 359 new cases were ascertained; of this number 201 (Non-Pulmonary) were notified under the Public Health (Tuberculosis Regulations). The remaining 78 cases were discovered in the following ways:—

Death Returns	Number of Cases	
	Pulmonary	Non-Pulmonary
From Local Registrars	11	6
Transferable deaths from Registrar-General	9	7
Posthumous notifications ..	2	3
"Transfers" from other areas (other than transferable deaths)	28	12
Other sources	—	—
	50	28

On account of the outbreak of war the Ministry of Health instructed Local Authorities to limit the returns of their work to the last 3 months of the year. Consequently, it is not possible to give the usual full return of the year's work.

Despite the war the work of the dispensaries was carried on in the usual manner, and temporary Medical Officers were obtained to take the place of those officers who left to go on active service or for other causes. Compared with the Tuberculosis Officers who officiated at the dispensaries in 1938, there were three changes during the last quarter of 1939. Dr. G. A. W. Neill was called up on the outbreak of war—his dispensary at Horncastle was taken over by Lt.-Col. F. Harvey, R.A.M.C. (Ret.), who was also acting as Medical Officer of Health of the three districts of Horncastle and Woodhall Spa Urban, Horncastle Rural. The Lincoln dispensary was taken over by Dr. D. H. Williams, the Resident Medical Officer at Branston Hall Sanatorium. In view of Dr. Kerrigan's appointment as Medical Officer of Health to the Borough of Louth and Mablethorpe and Sutton Urban District Councils, his area was reduced in size by the appointment of Dr. C. V. Faith to the Spilsby area. Finally, Dr. Tyrell's place was taken temporarily by Dr. R. J. R. Mecredy.

Dispensary Organisation.

The following table shows the towns where Dispensaries are held, with the address of each dispensary, the day and time when the clinic is held, and the name of the Medical Officer in attendance :—

Dispensary Medical Officer	Address and Time	No. of Cases on Register on Dec. 31, 1939		No. of New Cases seen in Quarter ending Dec. 31, 1939	
		Pulm.	Non-Pulm.	Pulm.	Non-Pulm.
Barton-on-Humber Dr. R. J. R. Mecredy	50 Holydyke, Barton-on-Humber Monday 2 p.m.	38	21	2	1
Brigg Dr. R. J. R. Mecredy	The Cedars, Bigby Road, Brigg Thursday 2 p.m.	58	42	2	—
Cleethorpes Dr. G. Holroyd	St. Hugh's Avenue Cleethorpes Wednesday 2 p.m.	110	67	6	5
Gainsborough Dr. J. C. Macartney	1 Gladstone Street, Gainsborough Tuesday 10 a.m. Friday 2 p.m.	186	47	3	1
Horncastle Dr. G. A. W. Neill	Rolleston House, Horncastle Thursday 10 a.m.	118	46	7	2
Lincoln Dr. G. A. W. Neill	30 Lindum Road, Lincoln Friday 10.30 a.m.	31	26	—	—
Louth Dr. W. J. Kerrigan	32 Queen Street, Louth Wednesday 10 a.m.	86	34	6	3
Market Rasen Dr. R. J. R. Mecredy	18 King Street, Market Rasen Tuesday 10 a.m.	38	14	1	—
Scunthorpe Dr. W. Hartston	Parkinson Avenue, Scunthorpe Monday 2 p.m. Thursday 2 p.m. (A.P. Cases only) Friday 2 p.m.	224	65	29	11
Spilsby Dr. C. N. Faith	2 West End Villas, Spilsby Monday 10 a.m.	93	18	4	1
	Total	982	380	60	24

Contact Examination.

It is not possible to give the number of contacts examined during the year, but this work was carried on as in other years. As was written in last year's report, the greatest benefit cannot be obtained from the Tuberculosis Scheme until all contacts are examined radiologically. Physical examination of contacts alone is insufficient and only by radiology can the presence or absence of Pulmonary Tuberculosis be definitely assured.

During the year 461 contacts were examined and of this number 13 (or 2·8 per cent.) were found to be definitely Tuberculous. In 11 instances a definite diagnosis was not come to and the remaining 437 cases were found to be Non-Tuberculous.

The number of contacts examined in 1939 was the highess since 1933. As this part of a Tuberculosis Officer's work it of paramount importance in discovering not only the source of infection but also in discovering the early case this increase is satisfactory. Not until an X-ray examination of all contacts is systematically carried out can the fullest benefit be derived from the Tuberculosis scheme.

Ancillary Services.

1. *Dental Treatment.*

The Tuberculosis Officers can refer those cases requiring Dental Treatment to one of the Council's Dental Surgeons. During the year 55 cases received Dental Treatment.

Artificial Dentures were supplied to 12 patients during the year.

2. *Orthopædic Treatment.*

Cases of Non-Pulmonary Tuberculosis are referred by the Tuberculosis Officers to the Orthopædic Clinics. During the year 37 cases were seen and treated at these clinics, the number being divided up as follows :—

Adults	17
School Children	15
Infants	5

Examination of Sputum.

All specimens of sputum are examined in the County Laboratory which is situated in the County Offices, Newland, Lincoln. During the year 821 specimens were examined, of which 243, or 29·59 per cent. were positive.

Facilities are also available for the bacteriological examination of Pleural fluid.

SHELTERS.

The County Council possesses 91 shelters which they loan out to suitable cases. During the year 88 of these were in use. The Tuberculosis Nurse visits these cases regularly to see that full advantage is taken of this provision.

EXTRA NOURISHMENT.

Extra nourishment in the form of milk and eggs is provided to necessitous patients on the recommendation of the Tuberculosis Officers. During the year this was supplied over an average period of 4½ months. The Voluntary Care Committees also supply extra nourishment to selected cases in Cleethorpes and Scunthorpe. It is also supplied in Gainsborough through the Bacon Trust Fund.

X-RAY EXAMINATIONS.

These are carried out at different centres in the County ; the following is a list of the centres with the numbers of X-ray examinations carried out at each :—

1.	Scunthorpe War Memorial Hospital ..	246
2.	Dr. S. Green	100
3.	Grimsby County Borough Dispensary ..	59
4.	Louth County Infirmary	158

Appointments for X-ray examination are arranged through the County Health Department at Lincoln, and medical practitioners desirous of having a patient X-rayed should communicate direct with the local Tuberculosis Officer. X-ray examinations for diagnostic purposes are now carried out free of charge to the patient.

During the year 1939, 563 X-ray examinations were carried out ; this is an increase of seven compared with the previous year. No doubt the increase would have been greater but for a slight dislocation of work, which only lasted for a short time, owing to the outbreak of war.

The number of X-ray examinations carried out in each of the previous five years is as follows :—

1935	172
1936	218
1937	406
1938	556
1939	563

As I stated in my Annual Report of last year, the expense incurred by the increase in the number of X-rays must be regarded as an investment and not as a liability. For earlier diagnosis is possible with consequently a shorter period of treatment, a greater chance of restoration to health and returning to the general community as an asset rather than a liability.

Residential Treatment.

The institutional accommodation for the treatment of Pulmonary Tuberculosis provided by the Council is set out on page 48. Early male cases are also sent to the Scartho, Ipswich and Kelling Sanatoria.

The County Council has no institution for the treatment of cases of Non-pulmonary Tuberculosis, the majority of which are sent to Harlow Wood Orthopædic and Gringley-on-the Hill Hospitals. Patients are, however, sent to other institutions as and when necessary.

Institution Reports.

1. *Branston Hall Sanatorium.*

The work of the Sanatorium has been carried out on similar lines to the previous year.

	Adults	*Children* *Boys*	*Children* *Girls*
Admissions	47	16	15
Discharges	57	21	24
Deaths	3	—	—

Examinations and Treatment :—

X-ray Examinations ..	307
Screening Examinations ..	143
Bronchograms	2
Cases having Artificial Pneumothoraces	22
Total refills given	321
Phrenic Evulsions	—
Gold Therapy	—

2. *Louth Tuberculosis Hospital.*

Admissions	26
Discharges	21
Deaths	5

Patients remaining 1/1/39.	Admissions.	Discharges.	Deaths	Transfers.	Remained 31/12/39.
13	26	19	5	2	13

Total number of " patient days "	4643
Average daily number of beds occupied	12·7
Total number of X-ray examinations	21
Total number Sputum examinations	49

The cases were mostly of the usual advanced type for which any type of active treatment was considered useless. Gold salts therapy was used in 6 cases and one Phrenic Evulsion was done.

The smaller number of deaths during the year, compared with other years, indicated simply that more requests were made for discharge of patients before death took place.

Out of the total discharged only three cases were regarded as quiescent and two cases admitted for observation were discharged as Non-Tuberculous.

Eighteen of the admissions (26) were female cases.

As this hospital is used primarily for advanced cases it follows necessarily that the results, as judged by the number of deaths, are not encouraging, but as its main function is to direct symptomatic treatment towards alleviating the pain and suffering of the final condition, it more than fulfils its purpose.

Examinations and Treatment :—

X-ray examinations ..	21
Gold therapy	6

3. *Brumby Isolation Hospital.*

Admissions	32
Discharges	22
Deaths	12

4. *Foxby Hill Isolation Hospital.* ..

This institution is owned by the Urban District of Gainsborough and the County Council have an arrangement by which 12 beds are reserved for their use for advanced male cases of Pulmonary Tuberculosis.

Admissions	9
Discharges	7
Deaths	5

Examinations and Treatment :—

Cases treated by Artificial Pneumothorax Gold therapy 4

After-care Committees.

There are three After-care Committees in the County and these are situated at Cleethorpes, Gainsborough and Scunthorpe, to each of which the County Council makes a grant of £10 per annum. The object of these Committees is to look after patients who have been discharged from sanatoria, providing them, where necessary, with additional food in the form of milk and eggs. Furthermore, they endeavour to find suitable employment for cases who are suitable for employment.

In addition, at Cleethorpes, there is an After-care Work Centre to which suitable cases are admitted and where they do various types of work. The County Council makes a grant to this Centre of £50 per annum.

Public Health (Tuberculosis) Regulations, 1930.

Summary of Notifications during the period from the 1st January, 1939, to the 31st December, 1939.

Formal Notifications.

Age Periods	Number of Primary Notifications of new cases of tuberculosis												Total Notifications.
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards	Total (all ages)	
Pulmonary Males ..	—	1	5	2	5	5	30	10	18	10	8	94	96
,, Females ..	—	2	5	4	13	23	21	11	8	7	3	97	103
Non-pulmonary Males ..	—	8	10	6	4	9	2	2	1	—	—	42	43
,, ,, Females	1	8	6	7	5	8	2	4	4	2	1	48	50

New Cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, otherwise than by formal notification.

Age Periods	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upw'ds	Total Cases	
Pulmonary Males ...	—	—	1	2	—	2	5	5	3	1	3	22	50
,, Females ...	—	—	1	—	8	2	9	1	3	2	2	28	
Non-pulmonary Males ...	1	6	6	—	1	1	—	—	—	—	—	15	28
,, ,, Females	—	1	1	4	2	2	—	—	—	1	2	13	

The source or sources from which information as to the cases (mentioned on the preceding page) was obtained as follows:—

Source of Information.	No. of Cases	
	Pulmonary	Non-pulmonary
Death Returns { from local Registrars	11	6
Death Returns { transferable deaths from Registrar-General	9	7
Posthumous notifications	2	3
" Transfers " from other areas (other than transferable deaths)	28	12
Other Sources if any (specify)	—	—
	50	28
	78	

Table relating to the work of the Dispensary (or Dispensaries) during the Quarter ending 31st December, 1940.

Diagnosis.	Pulmonary.				Non-Pulmonary.				Total.				Grand Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A.—Number of definite cases of Tuberculosis on the Dispen- Register at the beginning of the Quarter	409	388	89	96	79	99	123	79	488	487	212	175	1362
B.—Number of New Cases diagnosed as Tuberculosis during the Quarter :—													
(1) Class T.B. minus ..	9	16	1	3	8	5	5	6	17	21	6	9	53
(2) Class T.B. plus	22	9	—	—	—	—	—	—	22	9	—	—	31
C.—Number of cases included in A. and B. written off the Dispensary Register during the Quarter as :—													
(1) Recovered	10	12	9	5	3	2	10	7	13	14	19	12	58
(2) Dead (all causes) ..	22	24	—	1	—	—	1	—	22	24	1	1	48
(3) Removed to other Areas	6	9	2	4	2	2	2	1	8	11	4	5	28
(4) For other reasons ..	6	7	2	1	1	—	3	3	7	7	5	4	23
D.—Number of definite cases of Tuberculosis on the Dispensary Register at the end of the Quarter	396	361	77	88	81	100	112	74	477	461	189	162	1289

Number of Beds available for the treatment of Tuberculosis on the 31st December in Institutions belonging to the Council.

Name of Institution.	For Pulmonary Cases.		For Non-Pulmonary Cases.		Total.
	Adults.	Children under 15.	Adults.	Children under 15.	
Branston Hall Sanatorium ..	28	35	—	—	63
Brumby Isolation Hospital ..	14	—	—	—	14
Louth Tuberculosis Hospital	12	—	—	—	12
Total ..	54	35	—	—	89

Table showing Institutions and the number of Patients under Treatment or Observation during the year 1939.

Name of Institution.	Pulmonary.				Non-Pulmonary.				Observation.				Total	Remaining in Institution 31/12/39
	Adults		Children		Adults		Children		Adults		Children			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
(*a*) Institutions provided by the County Council—														
Branston Hall Sanatorium	—	61	19	27	—	—	—	—	—	2	1	1	111	23
Brumby Isolation Hospital	18	23	—	—	1	—	—	1	1	—	—	—	44	10
Louth Tuberculosis Hospital	13	24	—	—	—	—	—	—	1	1	—	—	39	13
Louth County Infirmary	2	—	—	—	2	3	—	—	—	—	—	1	8	4
Public Assistance Institutions..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(*b*) Other Institutions—														
Booth Hall Hospital, Manchester	—	1	—	—	—	—	—	—	—	—	—	—	1	—
Boston Sanatorium	1	—	—	—	—	—	—	—	—	—	—	—	1	1
Brompton Chest Hospital	—	3	—	—	—	—	—	—	—	—	—	—	3	—
Creaton Sanatorium	1	—	—	—	—	—	—	—	—	—	—	—	1	1
Gainsborough Tuberculosis Hospital ..	17	—	—	—	—	—	—	—	—	—	—	—	17	5
Grimsby Corporation Hospital	33	1	—	2	1	—	2	2	4	—	1	1	47	13
Grimsby and District Hospital	1	—	—	—	—	—	1	1	—	—	—	—	3	—
Harlow Wood Orthopædic Hospital	—	—	—	—	6	9	5	4	—	—	—	—	24	11
Gringley Children's Hospital	—	—	—	—	—	—	10	8	—	—	—	—	18	12
Kelling Sanatorium	18	—	—	—	—	—	—	—	1	—	—	—	19	3
Leeds General Infirmary	—	—	—	—	—	—	1	—	—	—	—	—	1	—
Lincoln County Hospital	—	—	—	—	2	2	9	2	—	—	—	—	15	—
Mowbray Grange Sanatorium	—	1	—	—	—	—	—	—	—	—	—	—	1	1
Nottingham Children's Hospital	—	—	—	—	—	—	2	—	—	—	—	—	2	—
Papworth Village Settlement	1	1	—	—	—	—	—	—	—	—	—	—	2	—
Royal Infirmary, Sheffield	—	—	—	—	—	1	—	—	—	—	—	—	1	—
Royal Sea Bathing Hospital, Margate ..	—	—	—	—	2	1	—	—	—	—	—	—	3	1
Scunthorpe War Memorial Hospital	—	—	—	—	1	—	—	—	—	—	—	—	1	—
St. Bartholemew's Hospital	1	—	—	—	—	—	—	—	—	—	—	—	1	—
St. James' Hospital, Leeds	—	—	—	—	—	1	1	1	—	—	—	—	3	2
Total	106	115	19	29	15	17	31	19	7	3	2	3	366	100

VENEREAL DISEASES.

Treatment Centres at which patients from the administrative County attend.

Name and Situation of Clinic	Days Held	Hour
Barton-on-Humber	Tuesday (fortnightly) (for women)	2-30 p.m.
Boston, London Road*	Tuesday (men)	10 a.m. to 12 noon
	Wednesday (men)	6 p.m. to 7-30 p.m.
	Tuesday (women)	6 p.m. to 7-30 p.m.
Cleethorpes, St. Hugh's Avenue ..	Thursday (for women only)	10-30 a.m.
Gainsborough, 141 Bridge Street	Monday (women)	10 a.m. and 2 p.m.
	Wednesday (men)	6 p.m.
Grimsby, 38 Queen Street ..	Monday	Males 4-30—6-30 p.m.
		Females 2—3-30 p.m.
	Tuesday	Females 4-30—6-30 p.m.
	Wednesday	Males 4-30—6-30 p.m.
		Females 2—3-30 p.m.
	†Thursday	Males 1-30—3-30 p.m.
		Females 10 a.m.—11-30 a.m.
	Friday	Males 4-30—6-30 p.m.
Lincoln, Beaumont Manor, Beaumont Fee‡	Wednesday (women)	5 p.m. to 7 p.m.
	Thursday (women)	9-30 a.m. to 12-30 p.m.
	Monday and Thursday (men)	5 p.m. to 7 p.m.
Lincoln, 34 Newland	Tuesday (women)	9-30 a.m. to 12-30 p.m.
Scunthorpe, Parkinson Avenue ..	Tuesday (men)	6 p.m. to 7-30 p.m.
	Thursday (men)	10 a.m. to 12 noon
	Monday (women)	10 a.m. to 12 noon
	Wednesday (women)	5 p.m. to 7-30 p.m.
	§For Intermediate Treatment Clinics see below	

* Intermediate treatment available for each sex every night from 7 to 8 p.m.

† By appointment only.

‡ Intermediate treatment :—

Men : Monday, Tuesday, Thursday and Friday, 12 noon to 1 p.m., 6 p.m. to 7 p.m.

Wednesdays, 12 noon to 1 p.m., 7-15 p.m. to 8-15 p.m.

Saturdays, 11-15 a.m. to 12-15 p.m.

Women : By appointment.

§ Men—Morning clinics, 10 a.m. to 1 p.m. Tuesday, Wednesday, Thursday, Friday and Saturday.

Evening Clinics : 5-30 p.m. to 7-30 p.m., Monday, Tuesday, Thursday, Friday and Saturday.

Summary giving particulars relating to the work of the County Venereal Diseases Clinic for 1939.

	Barton.				Cleethorpes.				Gainsborough.				Scunthorpe.				At Clinics provided by other Authorities.			
	S.	S.C.	G.	O.	S.	S.C.	G.	O.	S.	S.C.	G.	O.	S.	S.C.	G.	O.	S.	S.C.	G.	O.
1. Number of persons who on 1st January were under treatment	1	—	5	7	3	—	13	13	13	—	5	5	41	—	8	5	—	—	—	—
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection	—	—	—	—	—	—	—	—	3	—	—	—	1	—	—	—	—	—	—	—
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under 4)	—	—	1	7	—	—	2	44	9	—	4	63	18	—	48	111	22	1	66	58
4. Number of cases dealt with for the first time during the year under report, known to have received treatment for the same infection, or to have been under observation, at other centres..	—	—	1	—	—	—	—	—	2	—	1	—	6	—	6	1	—	—	—	—
	1	—	7	14	3	—	15	57	27	—	10	68	66	—	62	117	22	1	66	58
5. Number of cases discharged after completion of treatment and final tests of cure	—	—	4	7	—	—	1	18	1	—	4	58	3	—	22	109	—	—	—	—
6. Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from Syphilis, Soft Chancre and Gonorrhœa	—	—	—	—	—	—	—	—	7	—	1	—	12	—	26	—	—	—	—	—
7. Number of cases which ceased to attend after completion of treatment, but before final tests of cure	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
8. Number of cases transferred to other centres or to institutions or to care of private practitioners	—	—	1	—	—	—	—	1	6	—	3	2	11	—	3	2	—	—	—	—
9. Number of cases remaining under treatment or observation on 31st December	1	—	2	7	3	—	14	38	12	—	2	8	40	—	11	6	—	—	—	—
	1	—	7	14	3	—	15	57	27	—	10	68	66	—	62	117	—	—	—	—
10. Out-patients attendances :—																				
(a) For individual attention by the Medical Officer ..	3	—	27	33	53	—	84	140	361	—	89	161	885	—	419	323	2469			
(b) For intermediate treatment e.g. irrigation, dressings ..	—	—	20	44	—	—	13	241	5	—	270	136	—	—	807	—				
11. Pathological Work—																				
(a) No. of specimens examined at and by the Medical Officer of the treatment Centre :—																				
(1) Microscopical—																				
For Syphilis ..	—				—				—				—				—			
For Gonorrhœa ..	—				—				—				49				—			
Others for diagnosis for V.D. ..	—				—				—				—				—			
(2) Cultural for Gonorrhœa ..																				
(3) Serum—Syphilis ..																				
Gonorrhœa ..																				
(4) Cerebro-Spinal Fluid ..																				
(b) No. of specimens from patients attending at the Treatment Centre sent for examination to an approved laboratory.																				
(1) Microscopical—																				
Syphilis	—				—				—				—				27			
Gonorrhœa	—				—				—				—				903			
Other Tests	—				—				—				—				37			
(2) Cultural for Gonorrhœa ..	—				—				—				—				596			
(3) Serum—Syphilis ..	—				—				—				—				183			
Gonorrhœa ..	—				—				—				—				77			
(4) Cerebro-Spinal Fluid ..	—				—				—				—				—			
(5) Cultures	—				—				—				—				269			

S.—Syphilis.
S.C.—Soft Chancre.
G.—Gonorrhœa.
O.—Conditions other than Venereal.

New Cases of Venereal Disease attending Clinics in the years 1930—1939.

SYPHILIS

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Barton-on-Humber	—	3	—	—	—	—	—	—	—	—
Cleethorpes ..	5	1	3	3	4	4	1	—	—	—
Gainsborough ..	10	2	10	4	8	2	5	3	8	9
Scunthorpe ..	30	15	15	9	11	9	14	17	20	18
Boston	—	—	—	—	—	—	—	—	3	—
Lincoln	9	6	10	2	9	15	4	15	10	5
Grimsby	18	22	31	18	26	21	20	15	22	17
Other Centres ..	—	—	1	1	1	2	—	—	—	—
Totals ..	72	49	70	37	59	53	44	50	63	49

GONORRHŒA

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Barton-on-Humber	2	3	1	—	1	—	3	3	6	1
Cleethorpes ..	10	11	10	2	8	7	5	5	4	2
Gainsborough ..	18	23	9	13	9	4	8	12	6	4
Scunthorpe ..	85	59	68	54	43	33	36	79	79	48
Boston	—	—	—	—	—	—	5	2	7	7
Lincoln	19	23	16	8	16	10	13	18	15	8
Grimsby	49	52	30	35	36	35	40	48	67	51
Other Centres ..	1	2	2	1	5	6	—	—	—	—
Totals ..	184	173	136	113	118	95	110	167	184	121

INSTITUTIONAL TREATMENT.

Beds are available at the County Infirmary, Louth, for venereal disease cases requiring institutional treatment. Seven patients were admitted during the year.

CANCER.

Particulars relating to deaths from Cancer in the Administrative County, are given on pages 14, 15 and 16. It will be noted that the number of deaths certified as due to this disease was 461, which is an increase of 26 on the previous year's figure, and giving a death rate of 16·61 as compared with 15·98 for 1938.

The treatment of patients suffering from Cancer by the County Council does not extend at present beyond those patients coming within the machinery for the treatment of necessitous persons. Most cases under this heading requiring institutional treatment are admitted to the Council's Hospitals at Louth and Brigg. During the year 45 were admitted to the former, and 9 to the latter institution. In addition, the Authority arranged for the treatment of 3 cases in voluntary and other hospitals outside the County.

Under the Cancer Act, 1939, it is the duty of the County Council to make arrangements to secure adequate facilities for the treatment of persons suffering from Cancer. Proposals of the setting up a joint scheme to cover the geographical County is still under consideration.

MATERNITY AND CHILD WELFARE.

Midwifery.

The scheme made under the Midwives Act, 1936, details of which were given in the 1937 report, has continued to work satisfactorily, although some difficulty has been experienced at times in finding suitable nurses to act as reliefs for midwives on holiday or absent through illness.

The number of domiciliary midwives residing and practising in the County is 140, of which 4 are employed by the County Council, and 106 by District Nursing Associations, while 30 are in private practice. An additional 62 midwives are employed in institutions, 50 by the County Council and 12 privately. During the year midwives, either alone or under the supervision of a doctor, attended 3,045 cases in their own homes, which is 75 more than in the previous year.

The number of cases attended by midwives in institutions was 1,222, as compared with 1,152 in 1938.

The total number of confinements which were conducted by midwives was 2,440, while in 1,827 cases they were present as maternity nurses under medical supervision.

Table showing number of midwives in practice in the Administrative County at the end of the year 1939.

Midwives	Domiciliary Midwives	Midwives in Institutions	Total
(*a*) Employed by County Council ..	4	50	54
(*b*) Employed by District Nursing Association	106	—	106
(*c*) In private practice	32	4	36
(*d*) Others	—	8	8
Totals	142	62	204

Table showing number of midwifery cases attended during the year by midwives :—

	Domiciliary Cases	Cases in Institutions	Total
(*a*) Employed by County Council—			
As midwives	105	587	692
As maternity nurses ..	46	379	425
(*b*) Employed by District Nursing Association—			
As midwives	1327	—	1327
As maternity nurses ..	1035	—	1035
(*c*) In private practice—			
As midwives	284	35	319
As maternity nurses ..	248	33	281
(*d*) Others—			
As midwives	—	102	102
As maternity nurses ..	—	86	86
Totals—			
As midwives	1716	724	2440
As maternity nurses ..	1329	498	1827

The distribution of the midwives in the urban and rural districts in the County is shown in the table which follows :—

District	Domiciliary Midwifery			Institutional	
	Employed by County Council	In Private Practice	Employed by Local Nursing Association	Private	Employed by Local Authority
Urban					
Alford	—	—	1	—	—
Brigg	—	—	1	—	6
Barton-on-Humber ..	—	2	1	—	—
Cleethorpes ..	—	3	3	3	4
Gainsborough ..	2	2	—	—	4
Horncastle ..	—	—	2	—	—
Louth	2	—	1	6	10
Market Rasen ..	—	1	2	—	—
Skegness ..	—	—	2	—	—
Mablethorpe and Sutton-on-Sea	—	—	2	—	10
Woodhall Spa ..	—	—	1	—	—
Scunthorpe ..	—	8	13	—	10
Rural					—
Caistor	—	1	8	1	—
Gainsborough ..	—	1	9	2	6
Glanford Brigg ..	—	2	17	—	—
Grimsby ..	—	3	7	—	—
Grimsby County Borough ..	—	2	—	—	—
Horncastle ..	—	1	7	—	—
Isle-of-Axholme	—	—	5	—	—
Louth	—	—	8	—	—
Spilsby	—	2	8	—	—
Welton	—	2	8	—	—
	4	30	106	12	50

Medical Assistance Summoned by Midwives.

In accordance with Sec. 14 of the Midwives Act, 1918, medical aid was summoned by midwives in 739 domiciliary cases, and in 174 cases in institutions.

Notifications by Midwives.

Notifications as required by the Rules of the Central Midwives Board were received from midwives during the year as follows :—

In respect of—

Still Births	33
Liability to be a source of infection ..	33
Artificial feeding	42
Laying out the dead	16

Inspection of Midwives.

During the year Miss Evans, the Council's Inspector, made 601 visits of inspection to midwives, as compared with 559 in 1938.

Ante-Natal Care.

The number of women who attended the Ante-Natal Clinics during the year was 2,002. Altogether they made 5,634 attendances.

In addition to the above, 90 patients were ante-natally examined by their own doctors at the request of the County Council.

Other particulars relating to expectant mothers medically examined during the year are as follows :—

Number of cases	1558
Primipara	683
Multipara	849
Not pregnant	26
Number suffering from minor ailments	537
Number of minor ailment cases treated at Welfare Centres	347
Number of cases of venereal diseases	3
Number of such cases treated	3
Number requiring dental treatment	278
Number accepting treatment under dental scheme ..	165
Expectant mothers provided with extra nourishment ..	148
Number with serious defects referred to own doctor ..	33
Number referred to Maternity Homes from Clinics ..	218
Total number of patients admitted to institutions for Ante-Natal treatment	127

Post-Natal Examinations.

The number of women examined post-natally during the year was 100, 54 at the Council's clinics and 46 by general practitioners at the request of the County Council.

Provision of Consultants.

A Domiciliary Consultant Service is available throughout the County. During the year 26 patients, at the request of the patient's doctor, were attended in their own homes by consultants.

Home Helps.

A register of women who are willing to act as Home Helps is kept at the Council Offices. Seventeen applications for home helps were received during the year, and in each case a suitable woman was provided to carry out the required duties.

Registration of Nursing Homes (Public Health Act, 1936).

At the end of the year there were 5 homes in the County registered under the above mentioned Act, providing accommodation for 7 maternity and 38 other cases.

Maternity Home Accommodation.

Forty-nine beds, exclusive of isolation accommodation, are provided by the County Council for maternity cases as follows :—Scunthorpe Maternity Home 24, Cleethorpes Maternity Home 16, and Gainsborough Maternity Home 9. In addition 13 beds are available at other institutions controlled by the Council.

Particulars relating to maternity patients for whom institutional treatment was provided are as follows :—

	Scunthorpe Maternity Home	Cleethorpes Maternity Home	Gainsborough Maternity Home	County Infirmary, Louth	County Infirmary, Brigg	Public Assistance Institution
*No. of patients admitted ..	519	291	180	88	26	3
Average duration of stay in days	12·96	14	14	29	21	16
No. delivered—						
(*a*) by Midwives	235	197	80	67	22	3
(*b*) by Doctors	222	67	67	18	4	—
No. of cases in which medical aid was sought by midwife in emergency	100	37	14	2	3	—
No. of cases notified as—						
(*a*) Puerperal fever	—	—	—	—	—	—
(*b*) Puerperal pyrexia ..	3	2	1	4	—	—
No. of cases of Pemphigus Neonatorum	—	—	—	—	—	—
No. of infants not entirely breast-fed	28	28	14	29	1	—
No. of cases of Ophthalmia Neonatorum notified ..	1	—	—	1	—	—
No. of Maternal deaths.. ..	4	—	3	—	—	—
No. of Infant deaths—						
(*a*) Still born	23	17	5	11	2	—
(*b*) Within 10 days of birth	6	2	—	3	—	—

* In addition to the No. of patients shown as admitted to County Institutions—106 were admitted to Institutions outside the County.

CHILD WELFARE.

Notification of Births.

The number of births notified in 1939 was 4,275, of which 4,130 were live births, and 145 still births. Those notified by midwives numbered 2,440, and by doctors or parents 1,835. Birth notifications received are referred to the health visitors who visit each case as soon as practicable after the doctor or midwife has ceased to attend.

The total visits to infants under 1 year of age was 38,087, and the number of children between the ages of 1 and 5 years, 32,080.

ATTENDANCES AT INFANT WELFARE CENTRES DURING THE YEAR 1939.

Centre	New Cases.			Old Cases.			Attendances.			Sessions	Average	
	Mothers	Infants under 1 yr.	Children 1-5 yrs.	Mothers	Infants under 1 yr.	Children 1-5 yrs.	Mothers	Infants under 1 yr.	Children 1-5 yrs.	Total No.	Mothers	Children
Ashby	208	198	27	130	86	66	4787	3930	1535	48	100	114
Alford	20	26	8	10	9	2	660	406	383	31	21	25
Burringham ..	25	29	2	41	21	21	333	266	147	15	22	28
Brigg	90	79	61	89	43	54	1921	1073	1250	55	35	42
Belton	28	28	4	21	10	11	376	221	212	25	15	17
Barton-on-Humber	110	119	9	133	67	146	3168	1904	1542	50	63	69
Crowle	43	54	6	79	41	33	1057	725	480	24	44	50
Caistor	26	21	8	12	5	10	350	235	203	24	15	18
Cleethorpes ..	215	275	165	515	181	378	11543	6354	5531	135	86	88
East Halton ..	20	20	6	38	12	29	618	311	377	23	27	30
Epworth	33	31	11	46	30	20	399	322	178	23	17	22
Friskney	12	13	—	17	7	12	154	92	98	12	13	16
Gainsborough ..	246	211	105	174	110	116	4479	3389	1359	85	53	56
Horncastle ..	76	65	26	45	22	19	1504	920	705	54	28	30
Holton-le-Clay ..	8	9	4	16	13	9	301	202	198	24	13	17
Horkstow ..	9	11	5	22	13	16	265	141	180	22	12	15
Immingham ..	10	24	1	35	26	21	603	363	396	30	20	25
Kirton Lindsey ..	22	29	5	18	11	9	444	324	193	22	20	24
Keedby	25	27	3	5	—	—	300	246	81	10	30	33
Keelby	22	15	12	28	13	20	410	252	261	23	18	22
Louth	189	178	74	212	101	135	3488	2345	1593	51	68	77
Laceby	23	24	17	48	14	34	599	322	470	25	24	32
Lincoln	58	53	16	38	24	18	342	250	135	49	7	8
Mablethorpe ..	31	36	2	15	7	10	901	516	518	28	32	37
Market Rasen ..	34	56	10	54	30	26	1227	829	543	48	26	29
Mumby	9	7	3	10	3	5	118	39	86	11	11	11
North Kelsey ..	18	16	6	17	11	11	364	175	255	24	15	18
Scunthorpe ..	498	474	109	677	300	874	14437	10625	5573	148	98	109
Spilsby	35	37	6	44	20	31	912	451	751	50	18	24
Skegness	105	139	9	136	61	86	3934	2844	2076	76	52	65
Saxilby	14	15	4	19	7	18	376	180	274	27	14	17
Tetney	22	25	3	23	5	17	255	130	239	24	11	15
Ulceby	18	14	10	32	10	32	516	186	522	21	25	34
Wainfleet	24	28	12	53	27	21	633	392	288	21	30	32
Waltham	31	62	22	58	25	55	798	441	544	23	35	43
Winterton.. ..	41	39	9	36	17	20	715	548	257	24	30	34
Winteringham ..	15	16	7	5	2	4	277	150	219	25	11	15
Total ..	2413	2503	787	2951	1384	2389	63564	42099	29652	1410	45	51

Extra Nourishment.

The amount of dried milk supplied to expectant or nursing mothers and to children under the age of 5 years amounted to 99,480 lb. In addition, 1,904 gallons of fresh milk were provided to expectant mothers at the request of the doctor in attendance.

The cost of providing extra nourishment for the year ended 31st March, 1939, was £7,073, of which sum £4,554 was recovered.

Dental Treatment.

Dental treatment under the Council's Maternity and Child Welfare Scheme is confined to expectant and nursing mothers and children under 5 years of age. It is only provided on the recommendation of a medical officer. The following is a summary of the work for the year :—

Mothers treated..	999
Children treated	244
Number of extractions	4638
Number of fillings	170
Local anæsthetics	960
General anæsthetics	348
Dentures provided—	
Complete upper and lower dentures ..	281
Partial upper and lower dentures	39

Boarded-out Children.

The Council's Health Visitors supervise children boarded out by the Public Assistance Committee. Foster parents are visited monthly and reports submitted. During the year 56 children were under supervision. The total number of visits made to these by the Council's Nurses was 785.

Infant Life Protection.

The Health Visitors also undertake the inspection and supervision of children under the Public Health Act, 1936. Sixty-five were under supervision, as compared with 81 in the previous year. Health Visitors made 760 visits of inspection to these children during 1939. Three instances were reported where the conditions were not satisfactory. In respect of two of these the parents on the advice of the Local Authority removed the children to their own homes. The third child was transferred to the Children's Homes at Horncastle. In the cases of 8 children the foster parents were warned for minor breaches of the Regulations.

ORTHOPÆDICS.

The arrangements for the ascertainment and treatment of crippling defects remain as described in previous reports.

During 1939 the orthopædic surgeon held 73 sessions, at which there were 1,168 attendances. The clinics held by the nurses for the purposes of carrying out the prescribed treatment numbered 757, the attendances made by patients under treatment being 3,877.

Visits made by the orthopædic nurses to the homes of patients numbered 272.

The number of patients of all classes attending at the clinics for advice or treatment was 541, and the number receiving institutional treatment during the year 97.

The number of patients provided with special appliances was 126.

TABLE SHOWING THE DEFECTS FOR WHICH ADVICE WAS SOUGHT AT ORTHOPÆDIC CLINICS DURING 1939.

Clinic	Rickets			Spinal Curvature			Club Foot			Claw Foot			Flat Foot			Torticollis			Poliomyelitis			Paralysis			Tuberculosis			Other Defects			Examined for defects which proved not to be Orthopædic			Total		
	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.
Cleethorpes..	10	2	–	–	4	–	–	2	–	–	–	–	5	6	–	2	1	–	–	20	1	–	2	–	1	1	9	9	12	2	–	–	–	27	50	12
Gainsborough	5	2	–	–	3	–	2	–	–	–	1	–	1	5	1	1	–	–	4	11	–	2	4	–	–	11	4	6	8	1	1	–	–	22	45	6
Lincoln ..	3	2	–	–	4	–	–	1	–	–	–	–	1	1	–	–	–	–	1	3	–	1	–	–	–	2	3	3	10	1	–	–	–	9	23	4
Louth ..	6	6	1	–	6	1	–	2	1	–	1	–	–	–	–	–	2	–	1	9	3	1	1	–	–	2	8	3	9	2	1	1	–	12	39	16
Scunthorpe	33	6	–	–	12	1	3	4	–	–	–	–	7	9	–	4	3	–	4	17	1	3	3	2	1	2	9	26	13	3	5	1	–	86	70	16
Spilsby ..	3	1	–	–	4	1	1	5	–	–	–	–	2	4	–	1	2	–	3	11	–	3	4	1	–	4	4	12	11	2	3	–	–	28	46	8
Evacuees ..	–	–	–	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	6	–	–	–	–	–	2	–	–	1	–	–	–	–	–	11	–
Total ..	60	19	1	–	34	3	6	15	1	–	2	–	16	25	1	8	8	–	13	77	5	10	14	3	2	24	37	59	64	11	10	2	–	184	284	62
Grand Total	80			37			22			2			42			16			95			27			63			134			12			530*		

I.—Infants. S.—School Children. A.—Adults.

* In addition fourteen Public Assistance cases were examined otherwise than at Clinics.

ORTHOPÆDIC TREATMENT IN INSTITUTIONS, 1939.

Institution.	Rickets			Spinal Curvature			Club Foot			Claw Foot			Flat Foot			Torticollis			Poliomyelitis			Paralysis			Tuberculosis			Other Forms			Total			Grand Total
	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	I.	S.	A.	
Harlow Wood Ortho. Hosp.	–	–	–	1	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–	2	7	10	–	1	6	3	13	17	33
Lincoln County Hospital ..	–	–	–	–	2	–	3	7	–	–	–	–	–	1	–	–	1	–	–	13	–	–	–	–	1	3	4	7	4	–	11	31	4	46
Brumby Isolation Hospital	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	1	1
Gringley Children's Hosp. ..	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	4	–	–	–	–	3	4	–	7
Grimsby & District Hosp. ..	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	3	5	–	–	–	–	–	1	–	–	–	–	4	7	–	11
Louth County Infirmary ..	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	2	–	–	–	–	1	2	3
John Greenwood Shipman Conv. Home, Northampton	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Total	–	–	–	2	4	1	4	8	–	–	–	–	–	1	–	–	1	–	3	23	–	–	–	–	5	15	17	7	5	6	21	57	24	102
Grand Total	—			7			12			—			1			1			26			—			37			18			102			

NOTE.—Five patients received treatment in two institutions, therefore the actual number of persons who received institutional treatment was 97.

I.—Infants. S.—School Children. A.—Adults.

GENERAL HOSPITAL TREATMENT.

The County Council has two general hospitals, viz.: the County Infirmary, Louth, with a normal capacity of 202 beds, and the County Infirmary, Brigg, with 83 beds. Both are administered through the Public Health Committee. Under the Government's Emergency Hospital Scheme they are both classified as 1A institutions, and in this connection the number of beds at each institution has been considerably augmented.

The County Infirmary, Louth, is now approved by the General Nursing Council as a training school for nurses.

It is not proposed to include in this report any detailed statistics of the work of these institutions during the year. Owing to certain changes in the returns now required by the Ministry of Health these are not readily available.

The following figures taken from the monthly reports made by the Medical Superintendents to the Hospital Management Committees show the admissions and discharges for the year under review :—

	Admissions.	Births.	Discharges.	Deaths.
County Infirmary, Louth	519	77	425	136
County Infirmary, Brigg	288	30	283	68

BLIND PERSONS ACT, 1920.

The number of blind persons in the Administrative County as shown by the register at the end of the year is 446, which is an increase of 20 on the previous year's figure.

Relief for necessitous blind persons and their dependants is provided by the Public Health Committee through the Blind Welfare Sub-Committee. At the end of the year 246 cases were being provided for in this way. The amount expended in relief for the year was £5,323.

The Public Health Committee is also responsible for the provision of domiciliary medical treatment in necessitous cases. The number of patients for whom treatment was provided for was 109 as compared with 38 in 1938.

Specialist and hospital treatment is also available when necessary. Forty-three cases were referred to the opthalmic Surgeons and 11 were admitted to hospitals for opthalmic treatment.

Seventeen blind persons were treated by the Council's dental surgeon during the year, 15 of which were provided with dentures.

Twenty patients were referred to the opthalmic surgeons under the prevention of blindness scheme, 16 by the Council's medical staff and 4 by private medical practitioners. Of these two required hospital treatment, while 9 were treated by the opthalmic surgeons at the clinics.

Table I.—No. of Persons on Register, 1938.

0—5	5—16	16—21	21—50	50—70	Over 70	Unknown	Total.
—	15	8	93	170	159	1	446

Table II.—Ages at which Blindness Occurred.

0—5	5—10	10—20	20—50	50—70	Over 70	Unknown	Total.
78	15	21	91	173	65	3	446

Table III. (*a*) Employment Age Period 16 and Upwards.

Employed	Trained but Unemployed	Under Training.	Trainable	Pastime Workers	Unemployable.	Total
46	1	2	2	130	250	431

TABLE III. (*b*)—OCCUPATION OF EMPLOYED.

	Agents, Collectors, etc.	Basket and Cane Workers.	Boot Repairers.	Brush Makers.	Carpenters.	Chair Seaters.	Clergymen.	Domestic Workers.	Farmers.	Gardeners.	Handicrafts.	Knitters.	Labourers.	Masseurs.	Mat Makers.	Mattress Makers.	Musicians and Music Teacher..	Net Makers.	Newsvendors.	Poultry Farmers.	Schoolmasters.	Seamstresses and Upholsterers.	Shopkeepers.	Stoolmakers.	Tea Agents.	Miscellaneous.	TOTAL.
Employed	—	5	9	4	1	1	3	—	—	—	—	9	2	—	1	—	1	—	—	6	—	—	1	—	—	3	46
Pastime Workers	—	3	1	—	1	4	—	—	—	2	5	66	—	—	—	—	1	—	—	9	—	—	3	8	27	—	130

TABLE IV.—PHYSICALLY AND MENTALLY DEFECTIVES.

Mental (*a*)	Physical (*b*)	Deaf (*c*)	Combination of *a*, *b* & *c*.	Total.
4	73	28	3	108

TABLE V.—SCHOOL AGE PERIOD (5—16).

Normal.	Mental (*a*)	Physical (*b*)	Deaf (*c*)	Combination of *a*, *b* & *c*.	Total.
13	1	—	—	1	15

MENTAL DEFICIENCY ACTS, 1913–1927.

Ascertainment.

The number of new cases ascertained and whose names were placed on the register of defectives during the year was 71, including 14 cases notified by the Education Authority.

Removal from the Register.

Forty-three names have been removed from the register during 1939. This number includes the names of 5 cases discharged as no longer requiring supervision, 10 who had left the County and 20 who had died during the year.

State of Register on 31st December, 1939.

The ascertained defectives in the County at the end of the year numbered 923, as compared with 895 at the end of the previous year.

Guardianship.

There are at present 20 defectives under this form of control. Sixteen of these are in the care of parents or relatives. Of the remainder, two are in private homes, one is with Sacred Heart Convent, Dagenham, and one under the care of the Brighton Guardianship Society.

Supervision.

Routine home visits to defectives are made quarterly by the Council's Health Visitors. Special visits are made as required. The Health Visitors report at each visit on the home conditions and on any matters relating to the welfare of the defective.

Occupation Centre.

The Scunthorpe Occupation Centre was closed during the year.

Institutional Care.

The number of defectives under institutional care or control at the end of the year was 336. The majority of these, 317, were in the care of institutions under the Control of the Lincolnshire Joint Board for the mentally defective.

MENTAL TREATMENT ACT, 1930.

During the year six patients were referred to the Mental Treatment Act Clinics at Grimsby and Lincoln. Twenty-nine patients received treatment under this Act in Mental Hospitals, all of whom were admitted as voluntary cases.

Table showing number of New Cases dealt with during the year with their classification.

How dealt with	Feeble-minded		Imbeciles		Idiots		Moral Defectives		Totals		Grand Totals
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	
In Institutions—Under Order (incl. cases on licence on 31/12/39)	9	6	12	11	1	1	—	—	22	18	40
In Institutions—Not under Order ..	2	1	—	—	—	—	—	—	2	1	3
Placed under Guardianship	—	—	1	—	—	—	—	—	1	—	1
Placed under Statutory Supervision ..	1	3	4	2	—	—	—	—	5	5	10
Placed under Voluntary Supervision ..	—	1	—	—	—	—	—	—	—	1	1
Placed on Register as "May become subject to be dealt with"	10	4	2	—	—	—	—	—	12	4	16
Totals	22	15	19	13	1	1	—	—	42	29	71

Age Distribution of New Cases.

Classification		Age Groups															Total	
		0–5	5–10	10–15	15–20	20–25	25–30	30–35	35–40	40–45	45–50	50–55	55–60	60–65	65–70	70–75	Males	Females
Feeble-minded	M.	1	1	3	14	—	—	1	—	1	1	—	—	—	—	—	22	15
	F.	—	—	—	10	—	—	—	1	3	1	—	—	—	—	—		
Imbeciles	M.	1	3	—	2	1	3	—	2	5	1	1	—	—	—	—	19	13
	F.	—	1	2	—	1	1	—	3	2	1	2	—	—	—	—		
Idiots	M.	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	1
	F.	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—		
Moral Defectives	M.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Totals ..		2	5	5	26	4	4	1	6	11	4	3	—	—	—	—	42	29

Cases receiving Institutional Care on 31st December, 1939.

Institutions	Feeble-minded		Imbeciles		Idiots		Moral Defectives		Totals		Grand Total
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	
(*a*) *Cases Under Order (excl. cases on licence)*											
Harmston	45	51	20	17	1	1	—	2	66	71	137
Holbeach	33	—	35	—	2	—	—	—	70	—	70
Caistor	1	29	8	31	1	5	—	2	10	67	77
Bourne	—	13	—	18	—	2	—	—	—	33	33
Mary Dendy Home, Warford Hall ..	2	1	—	—	—	—	—	—	2	1	3
Whixley	—	—	1	—	—	—	—	—	1	—	1
Total	81	94	64	66	4	8	—	4	149	172	321
(*b*) *Cases not Under Order*											
Harmston (Placed cases)	3	1	3	—	—	—	—	—	6	1	7
Spilsby P.A.I.	—	3	2	—	—	—	—	—	2	3	5
Scartho Road P.A.I.	1	—	—	—	—	—	—	—	1	—	1
Louth C.I.	—	—	1	—	—	—	—	—	1	—	1
Gainsborough P.A.I.	—	1	—	—	—	—	—	—	—	1	1
Total	4	5	6	—	—	—	—	—	10	5	15

Particulars of Mental Defectives as on 31st December, 1939.

(A) " Subject to be dealt with " by the Local Authority ;

(B) Who may become " subject to be dealt with " by the Local Authority.

	Males	Females	Total
A.—Number of Cases " subject to be dealt with " :—			
1. Under " Order " :—			
(*a*) (1) *In Institutions* (excluding cases on Licence)—			
Under 16 years of age	24	7	31
Aged 16 years and over	125	165	290
(2) *On Licence from Institutions*—			
Under 16 years of age	1	3	4
Aged 16 years and over	13	15	28
(*b*) (1) *Under Guardianship* (excluding cases on Licence)—			
Under 16 years of age	—	—	—
Aged 16 years and over	8	12	20
(2) *On Licence from Guardianship*—			
Under 16 years of age	—	—	—
Aged 16 years and over	—	—	—
2. In " Places of Safety "—			
Under 16 years of age	1	—	1
Aged 16 years and over	2	2	4
3. Under Statutory Supervision			
Of whom 5 males and 6 females are awaiting removal to an institution	139	138	277
4. Action not yet taken under any one of the above headings—			
(*a*) Notified by Local Education Authority (Sec. 2 (2)) ..	—	—	—
(*b*) Mental Defectives in receipt of Poor Relief :—			
(1) In Institutions	4	4	8
(2) Domiciliary	—	—	—
(*c*) Otherwise " ascertained "	3	1	4
B.—Number of cases who may become " subject to be dealt with " :—			
1. In Institutions or under Guardianship—dealt with under Sec. 3 :—			
(*a*) In regard to whom the Local Authority contributes under its permissive powers	4	—	4
(*b*) Maintained wholly by parents, relatives or others ..	—	1	1
2. Reported to the Local Authority from any reliable source and recognised by them as mentally defective but as to whom no action has been taken			
(*a*) Children between the ages of 14 and 16 years	—	—	—
Of whom, number, if any, under Voluntary Supervision	—	—	—
(*b*) All other cases	150	101	251
Of whom, number, if any, under Voluntary Supervision	(13	10	23)
	474	449	923
Number of above Cases on the Registers of Occupation and Industrial Centres :—			
Under Statutory Supervision	1	1	2
Under Voluntary Supervision	—	—	—
On Licence from Institutions	—	—	—
Under Guardianship	—	—	—
On Licence from Guardianship	—	—	—